

20020128.qrp v02\_n449.qrl.20020128

Date: Mon, 28 Jan 2002 19:03:10 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2449

QRP-L Digest 2449

Topics covered in this issue include:

- 1) [118453] Solder question  
by "Mike Silva" <mjsilva697@earthlink.net>
- 2) [118454] All-Bands? Coax-Fed? Talk to Ed W3FQJ  
by wkhibbert@juno.com
- 3) [118455] Re: Sked?  
by "Karl F. Larsen" <k5di@zianet.com>
- 4) [118456] Building Parts  
by "Karl F. Larsen" <k5di@zianet.com>
- 5) [118457] FOX; Final log N0UR  
by "Jim N0UR" <n0ur@mediaone.net>
- 6) [118458] SSB project and 455-kc surplus rocks  
by "AI2Q Alex" <ai2q@adelphia.net>
- 7) [118459] Re: Building Parts  
by wb0wao@hotmail.com (Dennis Ponsness)
- 8) [118460] Re: All-Bands? Coax-Fed? Talk to Ed W3FQJ  
by "Trevor Jacobs" <fxtech@earthlink.net>
- 9) [118461] Re: South Pole on 20 last evening  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 10) [118462] Re: TM9R on 7.010 @ 0344Z  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 11) [118463] Re: French contest  
by Steve Yates - AA5TB <aa5tb@arrl.net>
- 12) [118464] Re: Harbor Freight 12" Shear/Brake (long)  
by "E. Roswell" <eroswell@monmouth.com>
- 13) [118465] FT 817 Filters?  
by Dave Richards <wr3i@earthlink.net>
- 14) [118466] Re: 160 is a BLAST!!!!!!!  
by "k8cv" <k8cv@netzero.net>
- 15) [118467] Re: building question- sort of long  
by Bruce Muscolino <w6toy@erols.com>
- 16) [118468] Re: Solder question  
by Bruce Muscolino <w6toy@erols.com>
- 17) [118469] Re: Sked?  
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [118470] Re: Learning CW and More on the Koch Method  
by Bruce Muscolino <w6toy@erols.com>
- 19) [118471] Re: FT 817 Filters?

- by "Karl F. Larsen" <k5di@zianet.com>
- 20) [118472] Re: Learning CW and More on the Koch Method  
by "James R. Duffey" <jamesd1@flash.net>
- 21) [118473] Re: FT 817 Filters?  
by "Karl B. Staddon" <ve6kbs@agt.net>
- 22) [118474] Re: FT 817 Filters?  
by Dave Redfearn <n4elm@attbi.com>
- 23) [118475] Re: FT 817 Filters?  
by alan.kaul@att.net
- 24) [118476] Re: Tiny DSP Filter  
by Monty N5FC <n5fc@io.com>
- 25) [118477] NLS Mini-scope info needed.  
by Pete Burbank <plburbank@kih.net>
- 26) [118478] Re: VX0 design : Peter DL1FI explain pse!  
by "Adrian Weiss" <aweiss@usd.edu>
- 27) [118479] 160 Contest Results -- New Inv-L.. ramble ramble  
by "Adrian Weiss" <aweiss@usd.edu>
- 28) [118480] Fox:N7CQR log 1/25  
by Dan Presley <talljazz@teleport.com>
- 29) [118481] Re: VX0 design : Peter DL2FI explain pse!  
by "Ingo, DK3RED" <dk3red@t-online.de>
- 30) [118482] RE: Learning CW and More on the Koch Method  
by "Ray Goff" <radioham@gmx.co.uk>
- 31) [118483] QSO logging application for the Palm platform.  
by "Ray Goff" <radioham@gmx.co.uk>
- 32) [118484] Re: QSO logging application for the Palm platform.  
by "Ingo, DK3RED" <dk3red@t-online.de>
- 33) [118485] Radios, etc for sale  
by Jim Durkin <jimdurkin@yahoo.com>
- 34) [118486] Houston Ham looking for laptop for packet  
by Jim Durkin <jimdurkin@yahoo.com>
- 35) [118487] Re: Ham Radio Sales in Columbus  
by Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>
- 36) [118488] Inductors and MRX-40  
by Patrick Gardella <pgardella@yahoo.com>
- 37) [118489] New version of Golog Palm contest logger  
by "Dave Ek" <ekdave@earthlink.net>
- 38) [118490] CW and QRP-L  
by baltimoremd@baltimoremd.com
- 39) [118491] 75m Module  
by "Brian" <brian@iquest.net>
- 40) [118492] Re: Inductors and MRX-40  
by David Hinerman <WD8CIV@worldnet.att.net>
- 41) [118493] Trade server for gear  
by <n2go@arrl.net>
- 42) [118494] Re: Inductors and MRX-40  
by Patrick Gardella <pgardella@yahoo.com>
- 43) [118495] Building up a junkbox

by dmaliniak@penton.com

44) [118496] Re: NLS Mini-scope info needed.  
by "Paul Harden, NA5N" <na5n@rt66.com>

45) [118497] QRP and stuff for sale  
by IamSF5@aol.com

46) [118498] Re: Learning CW and More on the Koch Method  
by "Jim Stamper" <jstamper@shentel.net>

47) [118499] sold DSW-20 and DK9SQ  
by Jim Durkin <jimdurkin@yahoo.com>

48) [118500] QRP in the [ARRL] news...  
by "Rod N0RC" <rod@n0rc.com>

49) [118501] Ready for FYBO :-)  
by "Paul Harden, NA5N" <na5n@rt66.com>

50) [118502] Re: Learning CW and More on the Koch Method  
by "Karl F. Larsen" <k5di@zianet.com>

51) [118503] Re: VXO design : Peter DL2FI explain pse!  
by "Bill Jones" <kd7s@psnw.com>

52) [118504] Re: Learning CW and More on the Koch Method  
by Bruce Muscolino <w6toy@erols.com>

53) [118505] Re: NLS Mini-scope info needed.  
by Bruce Muscolino <w6toy@erols.com>

54) [118506] haven't seen it here yet  
by "Brian" <brian@iquest.net>

55) [118507] Looking Information on Using the Internet with Ham Radio questions - IRQL?  
by "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>

56) [118508] Re: VXO design : Peter DL2FI explain pse!  
by "Ingo, DK3RED" <dk3red@t-online.de>

57) [118509] Re: Looking Information on Using the Internet with Ham Radio questions - IRQL?  
by Sam Smith <sam.smith@ece.gatech.edu>

58) [118510] Re: [Elecraft] K1 knob mfg?  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>

59) [118511] NorCal's February Meeting Announcement  
by Jerry Parker <jparker@fix.net>

60) [118512] Re: VXO design : Peter DL2FI explain pse!  
by "John\_Evans" <jae@codenet.net>

61) [118513] Re: Looking Information on Using the Internet with Ham Radio questions - IRQL?  
by "W2WU" <w2wurjj@verizon.net>

62) [118514] Koch Morse Software flawed  
by "Karl F. Larsen" <k5di@zianet.com>

63) [118515] RE: Koch Morse Software flawed  
by "Ray Goff" <radioham@gmx.co.uk>

64) [118516] Re: Morse code and cheap screwdriver antenna  
by Monte Stark <ku7y@qsl.net>

65) [118517] Tuesday Cub Fox Announcement

by Richard Clem <clem.law@usa.net>

66) [118518] Pictures of DL-QRP-AG new 8 Band CW transceiver  
by DL2FI@t-online.de (Peter Zenker)

67) [118519] Re: Ready for FYBO :-)  
by Steven Weber <kd1jv@moose.ncia.net>

68) [118520] Re: IRQL  
by JFRAKE73@aol.com

69) [118521] Re: Looking Information on Using the Internet with Ham Radio  
question  
s - IRQL?  
by "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>

70) [118522] Re: Looking Information on Using the Internet with Ham Radio  
question s - IRQL?  
by Dave Gingrich K9DC <gingrich2@dcg.org>

71) [118523] Re: [Re: [Elecraft] K1 knob mfg?]  
by Rod Cercone <rod@n0rc.com>

72) [118524] Re: Koch Morse Software flawed  
by "blinn" <blinn@smgazette.com>

73) [118525] Future CW Learning  
by "Karl F. Larsen" <k5di@zianet.com>

74) [118526] GQRP Club renewal time  
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

75) [118527] Re: Ready for FYBO :-)  
by Bruce Rattray <rattray@gpfn.sk.ca>

76) [118528] Re: IRQL  
by Bruce Rattray <rattray@gpfn.sk.ca>

77) [118529] problem: I have a friend..  
by Schunn99@aol.com

78) [118530] Re: Looking Information on Using the Internet with Ham Radio  
questions -  
IRQL?  
by aluscre <aluscre@neo.rr.com>

79) [118531] cw computer programs  
by Schunn99@aol.com

80) [118532] Re: Ready for FYBO :-)  
by Dave Fouchey <dafouchey@home.com>

81) [118533] Re: NLS Mini-scope info needed.  
by "Paul Harden, NA5N" <na5n@rt66.com>

82) [118534] Re: Looking Information on Using the Internet with Ham Radio  
question s - IRQL?  
by Dave Richards <wr3i@earthlink.net>

83) [118535] Re: NLS Mini-scope info needed.  
by Pete Burbank <plburbank@kih.net>

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Date: Sun, 27 Jan 2002 16:15:10 -0800  
From: "Mike Silva" <mjsilva697@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [118453] Solder question  
Message-ID: <00b101c1a790\$da256ea0\$bffab3d1@computer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've had a roll of Kester "331" solder for a while, and on looking it up today on the Kester website I read "Residual removal required." Naturally, I haven't been doing that (nor do I want to!). So, does anybody know what's going to happen to the solder joints I've made with this solder?

(Sure wish I could remember where I've used it!)

73,  
Mike, KK6GM

-----  
Date: Sun, 27 Jan 2002 19:38:33 -0500  
From: wkhibbert@juno.com  
To: qrp-l@lehigh.edu  
Subject: [118454] All-Bands? Coax-Fed? Talk to Ed W3FQJ  
Message-ID: <20020127.193835.-274285.0.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Actually, find his book, "73 Dipole and Long Wire Antennas" from Howard W. Sams & Co., Inc.

One of Ed's designs is three inverted vees fed from a common feedline. The inverted vees are space 60 degrees around the mast with the legs running in this order:

80:40:20:80:40:20

Now, this is a pre-1979 book so the 30/17/12 meter bands were not considered in the mix, but the 6 meter band can be utilized so it is a 6-band antenna.

Here's the secret:

80 - The 80 Meter antenna is resonant in the phone band (about 3.83 MHz) and is 7/2-waves on the 10 Meter band.

40 - The 40 Meter antenna is resonant on the low end of the 40 Meter band (about 7.0 Mhz) and is 3/2-waves on 15 Meters and is 7/2-waves on 6 Meters.

20 - The 20 Meter antenna is 3/2-waves on 20 Meters, just like a G5RV and is also 11/2-waves at the middle of the 6 meter band.

The antenna requires a tuner to (1) match the impedance to the rig and (2) to reduce the probability of radiating harmonics.

Ed's books on wire antennas, verticals and beams show up at flea markets regularly and may still be in print.

Drop me a line off-list if you need any info on this antenna. The main Email address is listed below.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"  
<mailto:wb2vuo@arrl.net>

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<http://dl.www.juno.com/get/web/>.

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Date: Sun, 27 Jan 2002 18:00:32 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dave Richards <wr3i@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118455] Re: Sked?  
Message-ID: <Pine.LNX.4.33.0201271756470.4203-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, I'm not close here in NM but we might have luck today because condx are good. I will look for w1qb at 0300 UTC on or about 7043 tonight. I will be using my vertical which is aimed east...:-)

Like the wind speed is zero, but it's out of the north.

On Sun, 27 Jan 2002, Dave Richards wrote:

> I am in a hotel in Tewksbury MA any one close who would like to set up a sked tonight

> on 40 I would like to test my Portable window ant  
> Dave W1QB  
>  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Sun, 27 Jan 2002 18:10:26 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [118456] Building Parts  
Message-ID: <Pine.LNX.4.33.0201271805120.4203-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm building a 2N22/40 and most of the parts are at Dan's Small  
Parts in Missoula Montana. You can see what he has at:

<http://www.fix.net/~jparker/dans/>

He has a lot of toroids and NPO capacitors and diodes of all  
types. I got the 6 4.915 MHz crystals I need for the narrow crystal filter  
and product detector. His prices are very good.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Sun, 27 Jan 2002 19:05:50 -0600  
From: "Jim NOUR" <n0ur@mediaone.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [118457] FOX; Final log NOUR  
Message-ID: <000901c1a797\$ed6e1780\$19542942@mn.mediaone.net>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This should be it. Thanks for allowing me to be a "fox" again this season.  
It was a pleasure working  
all you great ops.

Jim NOUR

|      |         |         |               |
|------|---------|---------|---------------|
| 0201 | K3IU    | 579 579 | RI KEN 5W     |
| 0201 | N4ROA   | 579 579 | VA DAN 5W     |
| 0202 | WA8BXN  | 579 589 | OH MIKE 5w    |
| 0202 | K9IUA   | 579 559 | IA KEVIN 5W   |
| 0203 | W0UFO   | 579 559 | MN MERT 5W    |
| 0204 | K0EVZ   | 579 599 | ND DOC 5W     |
| 0205 | K5JHP   | 579 559 | TX BILL 5     |
| 0206 | K8CV    | 579 559 | MI WALT 5W    |
| 0206 | K0FRP   | 579 579 | CO AL 5W      |
| 0207 | W9XU    | 579 559 | WI LON 5W     |
| 0207 | N5GJQ   | 579 579 | LA MIKE 5     |
| 0208 | KA1DDDB | 579 589 | MI MIKE 5W    |
| 0209 | VE4WI   | 579 559 | MB CRAIG 5w   |
| 0209 | WA9TZE  | 579 599 | WI JIM 5W     |
| 0210 | AJ4AY   | 579 559 | AL JAY 5W     |
| 0211 | WE9K    | 579 599 | WI GLENN 5W   |
| 0211 | KR5C    | 579 599 | TX GEORGE 5w  |
| 0212 | N9AW    | 579 559 | WI JERRY 5w   |
| 0212 | VE5RC   | 579 599 | SK BRUCE 5w   |
| 0213 | W9HL    | 579 559 | IL RANDY 5w   |
| 0214 | N1FN    | 579 559 | CO ET 5W      |
| 0214 | W0PWE   | 579 599 | IA JERRY 5W   |
| 0215 | N0AR    | 579 599 | MN SCOTT 5W   |
| 0216 | W5YR    | 579 559 | TX GEORGE 5W  |
| 0216 | AC5JH   | 579 559 | OK TOM 5W     |
| 0217 | K9IS    | 579 579 | WI STEVE 4W   |
| 0218 | AE4Y    | 579 599 | GA KENT 5W    |
| 0219 | W5USJ   | 579 559 | TX CHUCK 5W   |
| 0219 | K4GT    | 579 559 | GA JIM 5W     |
| 0220 | NX8C    | 579 559 | MI NEIL 5W    |
| 0220 | W8VJW   | 579 559 | MI JOHN 5W    |
| 0221 | W0CH    | 579 599 | MO DAVE 900MW |
| 0222 | NV4V    | 579 579 | KY PETE 5W    |
| 0222 | N0HRL   | 579 559 | MN KEN 5W     |
| 0223 | VA6RF   | 579 559 | AB EARL 5W    |
| 0224 | N0EA    | 579 579 | MO JERRY 5W   |



|      |        |     |     |    |        |         |
|------|--------|-----|-----|----|--------|---------|
| 0225 | K3PH   | 579 | 599 | PA | BOB    | 5W      |
| 0225 | K50I   | 579 | 559 | OK | TIM    | 5W      |
| 0226 | VE6EX  | 579 | 559 | AB | DAN    | 5W      |
| 0227 | AA50   | 579 | 559 | LA | VERN   | 5W      |
| 0227 | K9DC   | 579 | 559 | IN | DAVE   | 5W      |
| 0228 | AB0CD  | 579 | 599 | CO | DICK   | 5W      |
| 0228 | W3CD   | 579 | 599 | CA | BOB    | 5W      |
| 0229 | W0JOE  | 579 | 559 | MO | JOE    | 5W      |
| 0229 | KC1FB  | 579 | 559 | CT | JIM    | 5W      |
| 0230 | K5E0A  | 579 | 559 | LA | WAYNE  | 5W      |
| 0231 | K7TQ   | 579 | 559 | ID | RANDY  | 5W      |
| 0232 | N9IJ   | 579 | 579 | IL | LEN    | 5W      |
| 0233 | N0TU   | 579 | 555 | CO | STEVE  | 500MW   |
| 0233 | NM5M   | 579 | 579 | TX | ERIC   | 5W      |
| 0234 | AG0T   | 579 | 599 | ND | TODD   | 350MW   |
| 0235 | K5PSH  | 579 | 579 | TX | JERRY  | 5W      |
| 0235 | K8KFJ  | 579 | 559 | WV | GARY   | 5W      |
| 0236 | W8RU   | 579 | 599 | MI | RON    | 5W      |
| 0236 | KQ5U   | 579 | 559 | TX | TERRY  | 5W      |
| 0237 | K8IQY  | 579 | 589 | MI | JIM    | 2W      |
| 0238 | KJ6CA  | 579 | 539 | CA | BOB    | 5W      |
| 0238 | KB9YIG | 579 | 569 | IN | TONY   | 5W      |
| 0240 | K2PQ   | 579 | 599 | NJ | FRANK  | 5W      |
| 0241 | K4FB   | 579 | 569 | FL | PAUL   | 5W      |
| 0242 | KK5LD  | 579 | 559 | TX | DAN    | 5W      |
| 0243 | W7ILW  | 579 | 559 | AZ | WALT   | 5W      |
| 0244 | N3ZPQ  | 579 | 559 | OH | FRANK  | 4W      |
| 0244 | NU8S   | 579 | 559 | OH | DENNIS | 5W      |
| 0245 | N1TP   | 579 | 559 | FL | TOM    | 5W      |
| 0246 | VE30U  | 579 | 589 | ON | ERN    | 100W    |
| 0246 | N5ZE   | 579 | 559 | TX | LEW    | 5W      |
| 0247 | N0TK   | 579 | 579 | CO | DAN    | 5W      |
| 0248 | AF4PS  | 579 | 559 | FL | MAC    | 3W      |
| 0248 | KD5KXF | 579 | 559 | TX | MIKE   | 5W      |
| 0249 | K4BYF  | 579 | 559 | FL | JACK   | 5W      |
| 0250 | AD6JV  | 579 | 559 | CA | BILL   | 5W      |
| 0251 | N9NE   | 579 | 599 | WI | TODD   | 25MW!!! |
| 0251 | KI0II  | 579 | 559 | CO | RON    | 1W      |
| 0252 | KK5NA  | 579 | 559 | TX | JOE    | 5W      |
| 0253 | N4MAP  | 579 | 559 | GA | SAM    | 5W      |
| 0253 | K0PC   | 579 | 599 | MN | PAT    | 5W      |
| 0254 | K7GT   | 579 | 559 | CA | ALLAN  | 5W      |
| 0255 | NF0R   | 559 | 599 | MO | DAVE   | 250MW   |
| 0256 | AA7XA  | 579 | 559 | OR | FRANK  | 5W      |
| 0256 | K6VNX  | 579 | 559 | CA | ARLEN  | 5W      |
| 0257 | KB7WW  | 559 | 559 | OR | ART    | 5W      |
| 0257 | WB6BWZ | 559 | 559 | GA | MATT   | 5W      |
| 0258 | K1KID  | 559 | 559 | MA | CARL   | 5W      |

|      |        |         |                |
|------|--------|---------|----------------|
| 0259 | NQ7X   | 559 559 | AZ FLOYD 5W    |
| 0300 | W5TB   | 559 559 | TX DOC 5W      |
| 0301 | W0RSP  | 559 579 | SD ADE 4W      |
| 0301 | N6WG   | 559 559 | CA BOB 5W      |
| 0302 | KB3E0F | 579 599 | MD SANDY 500MW |
| 0302 | NK9G   | 579 559 | WI RICK 5W     |
| 0303 | N5IB   | 559 559 | LA JIM 5W      |
| 0304 | WR50   | 559 559 | TX DAVE 5W     |
| 0304 | AF4LQ  | 579 559 | KY MIKE 5W     |
| 0305 | NG7Z   | 559 549 | WA PAUL 5W     |
| 0306 | W5YA   | 579 579 | NM FRED 5W     |
| 0306 | K5DW   | 559 559 | TX DON 5W      |
| 0307 | WE6W   | 559 559 | CA ED 5W       |
| 0308 | K7EL   | 559 559 | OR DAVE 5W     |
| 0309 | NQ7T   | 559 559 | WA GARY 5W     |
| 0309 | W8SFF  | 579 559 | MI STEVE 5W    |
| 0311 | KB8UMD | 579 599 | MI JOHN 4W     |
| 0311 | WU9F   | 559 559 | WI TERRY 5W    |
| 0312 | K4ADI  | 579 559 | SC FRANK 5W    |
| 0312 | K4TJD  | 579 559 | GA TOM 5W      |
| 0313 | NK6A   | 559 559 | CA DON 5W      |
| 0314 | KG6CYN | 559 559 | CA TREV 5W     |
| 0315 | KT5X   | 559 589 | TX FD 5W       |
| 0316 | W4NJK  | 559 559 | CA CHARLI 5W   |
| 0317 | N5F0C  | 559 589 | NM JAY 100W    |
| 0319 | KL7IXI | 559 579 | WA MIKE 5W     |
| 0320 | K4JPN  | 559 579 | GA STEVE 4W    |
| 0322 | KG7PV  | 559 559 | OR STEVE 5W    |
| 0322 | K5DI   | 579 599 | NM KARL 5W     |
| 0323 | KE6RS  | 559 559 | CA RON 5W      |
| 0324 | KC9LC  | 579 559 | VA RANDY 5W    |
| 0325 | K5ZTY  | 579 559 | TX BILL 5W     |
| 0326 | N0RC   | 579 599 | CO ROD 5W      |
| 0329 | WV9N   | 579 559 | OH RANDY 5W    |
| 0330 | KJ0C   | 579 599 | MO JIM 5W      |
| 0330 | KV2X   | 579 559 | NY TOM 5W      |
| 0331 | KC0ATC | 559 559 | CO CHRIS 3W    |
| 0332 | VE3FAL | 579 579 | ON FRED 5W     |
| 0333 | K50GX  | 579 559 | AR PHIL 5W     |
| 0334 | WB8WTU | 579 559 | OH DENNIS 2W   |
| 0335 | KG4LDY | 579 559 | VA JIM 5W      |
| 0338 | K8ZA   | 559 559 | WV JIM 5W      |
| 0339 | KC0GXX | 579 599 | NE TOM 2W      |
| 0340 | KD7CTF | 559 559 | OR LEE 5W      |
| 0346 | KI0RB  | 579 559 | CO VINCE 5W    |
| 0349 | N2WW   | 579 559 | CO LARRY 5W    |
| 0351 | VE3JC  | 579 559 | ON JOHN 5W     |
| 0352 | AF4PP  | 579 559 | GA CHUCK 5W    |

|      |        |                    |
|------|--------|--------------------|
| 0353 | KG4CHX | 579 559 NC TIM 5W  |
| 0355 | AK7D   | 559 579 OR FRED 5W |
| 0357 | AK7Y   | 559 559 AZ GREG 3W |
| 0358 | N0WX   | 559 559 MN MIKE 2W |
| 0400 | N7CQR  | 599 599 OR DAN FOX |
| 0400 | N0UR   | 599 599 MN JIM FOX |

-----

Date: Sun, 27 Jan 2002 20:03:22 -0500  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [118458] SSB project and 455-kc surplus rocks  
Message-ID: <000101c1a797\$95ae1a40\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi again Bill:

The 20-m SSB/CW rig here was built almost entirely using Manhattan construction on double-sided board, as you can see from the JPEGs of the receiver section, with almost no additional shielding.

It's been a while since it's completion, but if I recollect properly there may be an occasional scrap of circuit board material here and there between stages, but nothing as elaborate as shielded boxes (I'll have to go down into the shack and take a look-see at any shielding attempts).

On the other hand, when I built my 2N2/40 xcvr there apparently *was* a need for some shielding in the receiver's IF strip. Again, a scrap of board soldered at right angles to the main board did the trick, with a tiny hole drilled through it to pass the signal lead. I also reduced the gain of one of the IF stages by adjusting the value of its emitter bypass capacitor, according to textbook procedures and calculations, and that stabilized the stage so that the oscillation stopped (the first attempt to quell it was with the shield).

I've thought about re-packaging the 20-m SSB xcvr in shielded boxes---but only in order to make it look better! My thought was to use separable

(connectorized) shielded cables to interconnect the modules. Maybe that'll have to wait for the next project, possibly a receiver-only project.

I also have some Collins 455-kc. mechanical filters here, but am seeking upper and lower BFO rocks at 453.6 and 456.3 kHz before I decide to use them. I had some Collins BFO xtals, but used them in a solid-state product detector for my R-390A hollow-state receiver!

BTW: the surplus xtals that one occasionally sees under the tables at hamfests here in the US are really close for 455-kHz applications. The WW-II xtal for what they called "Channel 47" is 457.4 kc., and the "Channel 326" rock is 452.7 kHz.

I wonder if anyone on QRP-L has any of these in their junkboxes that they'd like to part with.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Bill Meara  
Sent: Sunday, January 27, 2002 3:19 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: SSB project

Jim: Yes, you are not alone! I'm enjoying the SSB TX project. I find it very similar to building a single conversion superhet RX.

One question for the group: How much shielding do you guys use when building rigs like this? I've all extremes of shielding, from none, to rigs with all stages in separate sealed boxes. How much is really needed?

73 de Bill CU2JL (aka N2CQR)  
Sao Miguel Island  
The Azores, Portugal  
37.7 N 25.6 W

<http://planeta.clix.pt/n2cqr>

----- Original Message -----

From: <n2go@arrl.net>  
To: "Bill Meara" <n2cqr@clix.pt>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, January 26, 2002 5:12 PM  
Subject: Re: SSB project

> That's what I like about this list. Just about any weird thing that I  
> might be doing.... someone here is also doing.  
>  
> Last week I built a DDS vfo for 5-5.5 Mhz. Yesterday I built a version of  
> the Universal VFO for 5-5.5Mhz.  
>  
> Today I etched a board for a 9 Mhz SSB generator with balanced  
> modulator/ carrier oscillators/ cw drive control and speech amplifier.  
> I really like the pnp Blue film for making pcb's. Cleanliness of the board  
> and temperature are very important for success.  
>  
> I think this one will turn into a separate receiver and transmitter with  
> the receiver VFO controlling both. Not sure if there will be one or two IF  
> filters.  
>  
> 73,  
>  
> Jim (n2go)  
>  
>  
>  
>

-----  
Date: Sun, 27 Jan 2002 20:15:17 -0500 (EST)  
From: wb0wao@hotmail.com (Dennis Ponsness)  
To: k5di@zianet.com  
Cc: qrp-l@Lehigh.EDU (Low Power Amateur Radio Discussion)  
Subject: [118459] Re: Building Parts  
Message-ID: <1421-3C54A625-3620@storefull-2155.public.lawson.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Karl,

Good luck with the 2N2, I built one and love it! Make sure that you get the 4 "closest" xtals in the filter for max performance. But, I bet you know that already. Don't know if you are aware that there is a group that has/is building one and has a Yahoo group. Jim is very involved with it and there are "updated" schematics there as well. Some very good mods from the "classic" version. Have fun and enjoy!

72 es oo

Dennis - WB0WAO

-----  
Date: Sun, 27 Jan 2002 17:19:02 -0800  
From: "Trevor Jacobs" <fxtech@earthlink.net>  
To: <wkhibbert@juno.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [118460] Re: All-Bands? Coax-Fed? Talk to Ed W3FQJ  
Message-ID: <003d01c1a799\$c5a2cbe0\$f7e9b3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Instead of all that, why not try a Center Fed Zep, especially if you have a true ballanced tuner like a Johnson Matchbox (link coupled)? That's the antenna I use right now, and it works great on all HF bands. Ladder line is great stuff and VERY low loss no matter what the SWR is on the feedline between the tuner and the antenna.

72/73's

Trev

KG6CYN

----- Original Message -----

From: <wkhibbert@juno.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Sunday, January 27, 2002 4:38 PM  
Subject: All-Bands? Coax-Fed? Talk to Ed W3FQJ

> Actually, find his book, "73 Dipole and Long Wire Antennas" from  
Howard  
> W. Sams & Co., Inc.  
>  
> One of Ed's designs is three inverted vees fed from a common feedline.  
> The inverted vees are space 60 degrees around the mast with the legs  
> running in this order:  
>  
> 80:40:20:80:40:20  
>  
> Now, this is a pre-1979 book so the 30/17/12 meter bands were not  
> considered in the mix, but the 6 meter band can be utilized so it is a  
> 6-band antenna.  
>  
> Here's the secret:

>  
> 80 - The 80 Meter antenna is resonant in the phone band (about 3.83 MHz)  
> and is 7/2-waves on the 10 Meter band.  
>  
> 40 - The 40 Meter antenna is resonant on the low end of the 40 Meter band  
> (about 7.0 Mhz) and is 3/2-waves on 15 Meters and is 7/2-waves on 6  
> Meters.  
>  
> 20 - The 20 Meter antenna is 3/2-waves on 20 Meters, just like a G5RV and  
> is also 11/2-waves at the middle of the 6 meter band.  
>  
> The antenna requires a tuner to (1) match the impedance to the rig and  
> (2) to reduce the probability of radiating harmonics.  
>  
> Ed's books on wire antennas, verticals and beams show up at flea markets  
> regularly and may still be in print.  
>  
> Drop me a line off-list if you need any info on this antenna. The main  
> Email address is listed below.  
> 73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
> President, Brockport Amateur Radio Klub  
> "My night light runs more power than my Rig!!!"  
> <mailto:wb2vuo@arrl.net>  
> -----  
> GET INTERNET ACCESS FROM JUNO!  
> Juno offers FREE or PREMIUM Internet access for less!  
> Join Juno today! For your FREE software, visit:  
> <http://dl.www.juno.com/get/web/>.  
>

-----  
Date: Sun, 27 Jan 2002 19:18:04 -0600  
From: Steve Yates - AA5TB <[aa5tb@arrl.net](mailto:aa5tb@arrl.net)>  
To: QRP-L Distribute <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [118461] Re: South Pole on 20 last evening  
Message-ID: <000a01c1a79d\$557f6180\$770fd840@pavilion>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Bill, N4QA wrote...

"...gotta add some kind of remotely controlled tuning for that antenna...just too cumbersome to tune from out at the fencepost in the dark! Yes, I admit it...I'm one of those who likes to tune the antenna at the antenna instead of from the rig-end of the feedline...COAX FOREVER...flame suit on, now :)"

I did the same thing for years with coax and a homebrew manual remote tuner and I finally bought a SGC SG-237 Smartuner about two years ago. The best investment I ever made.

Often times the loss through a mismatched coax is much greater than all of the ground losses, etc. combined, as you already know.

Steve Yates

AA5TB  
Fort Worth, TX - EM12hu  
aa5tb@arrl.net  
<http://www.geocities.com/aa5tb/>

-----  
Date: Sun, 27 Jan 2002 19:18:51 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [118462] Re: TM9R on 7.010 @ 0344Z  
Message-ID: <000b01c1a79d\$56380320\$770fd840@pavilion>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi Dave,

I worked TM9R on 20m last night (0150 UTC Sunday morning) using 5 watts and my 3' diameter loop sitting in the shack with me about 8" from the ground (carpet). I just moved in this house and I haven't put my outside antennas up yet.

Steve Yates

AA5TB  
Fort Worth, TX - EM12hu  
aa5tb@arrl.net



<http://www.geocities.com/aa5tb/>

-----  
Date: Sun, 27 Jan 2002 19:16:48 -0600  
From: Steve Yates - AA5TB <aa5tb@arrl.net>  
To: QRP-L Distribute <qrp-l@Lehigh.EDU>  
Subject: [118463] Re: French contest  
Message-ID: <000901c1a79d\$54cfe7a0\$770fd840@pavilion>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi Jim,

I worked two French stations last night but I wasn't sure of the number that they were requesting. The amazing thing was that I just recently moved into a new house and I don't have my outside antennas up yet so I was using my trusty 3' diameter loop sitting about 3 feet behind me in my shack! The bottom was about 8" from the ground and I was using a full gallon (5W).

I really shouldn't be using the small loop because I'm losing my incentive to string the transmission lines for the outside antennas ;-)

Steve Yates

AA5TB  
Fort Worth, TX - EM12hu  
aa5tb@arrl.net  
<http://www.geocities.com/aa5tb/>

-----  
Date: Sun, 27 Jan 2002 21:11:43 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: qrp-l@Lehigh.EDU  
Subject: [118464] Re: Harbor Freight 12" Shear/Brake (long)  
Message-ID: <3C54B35F.AD6E402D@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The 12" Shear/Brake/Slip Roll is Model #35969 (got mine for \$219.99 in 04/2000), and the Hand Punch (in English size) is #37405 (everyone keeps asking about this one also).

Neither of these items are listed online or in their current flyer. They come on a slow boat from China and I don't know how they determine if/when they re-order their items. Perhaps a 'phone call would elucidate.

the 30" Brake, etc is listed in the flyer,..it is \$399.99 and weighs 308 lbs! The 12" brake weighs 90 lbs and was a bear to manhandle down the cellar stairs, and lift up on the workbench. I left it on the bottom of the box frame, removed the separate pieces from it to lessen weight and slid it down the stairs on the pallet. BUT I should left it in the carport for a while because it was full of cosmoline, and it would have been much easier to drown it in solvent outside rather than slopping around on my bench.

The unit requires space behind it for the rear parts of it so a real shallow workbench may crowd you. (A limit fence sticks out the back to set up depths of cuts, and it is not too useful. I've tried working on this to be at a point where I can trust it.) You also have to allow for the swing of the handles. The knobs on the handles are good when you rotate fully and continuously using the slip roll. However, if you are cutting a lot of PCBs (like I did for a couple of NJ-QRP kits), or cutting heavy stuff, your arm takes a beating. I took the knobs off the handle and have 3 foot piece of black iron pipe, whose I.D. just fits over the handle, for leverage in making cuts. Wrapped duct tape over the near end of the pipe cuz the threads started cutting into my fingers!

I have never used the slip roll (anyone know how you use it for what?). I use the shear frequently. I use C-clamps to hold the material down when I cannot align with the edge or for when I cut on an angle. I also use a piece of scrap steel (about 1/2" X 1/2" X 3" with true parallels) against the "fence" so that long material can pass into the rear of it and still maintain a square cut.

I've used the brake part a few times. It is a "Vee-press" rather than a swinging hinged thing like most standalone brakes. For "springy" material it is hard to get a full 90 degree bend, since you cannot force it beyond the inherent 90 degrees of the Vee, and let it spring back to where you want it. For softer aluminum for instance, it is no problem. I have a brake I made from a QST article, using wood and hinges and metal plates, that fills in for times the HF unit is not suitable.

Hope this helps,

73, Ed,

K2MGM

-----  
Date: Sun, 27 Jan 2002 21:43:41 -0500  
From: Dave Richards <wr3i@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118465] FT 817 Filters?

Message-ID: <G85GB730J6571UTA6VSDBD9675QL1.3c54badd@sony>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="windows-1252"

I would be interested to know what all you ft817 owners use for CW Filter  
Dave  
W1QB

-----  
Date: Sun, 27 Jan 2002 17:03:42 -0000  
From: "k8cv" <k8cv@netzero.net>  
To: <tmyers@AcademicPlanet.com>  
Subject: [118466] Re: 160 is a BLAST!!!!!!!  
Message-ID: <000001c1a7a7\$e5b4e860\$ebbe3841@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ha ha, yep, same results here with a DIPOLE but try an inverted L ! Mine stick out from the tower about 6 feet, used a wooden ground stake at that point (base). It is feed with just plain old USED rotten RG-8 ( about 20 feet )! Center to the wire that goes VERTICALLY up to a piece of black DACRON with an insulator and then off horizontally to the telephone pole in the back yard ( shield to radials ). About 20 feet of string to the telephone pole up above the phone lines and below the secondary. If you tie it off near the phone stuff they may cut it down as it is in there way. Electric co. very rarely visits the pole in MY back yard as no pole pig there. The length of the overall wire should be 1/4 wave at about 1.825 . I then use a tuner in the shack ( old DRAKE MN-2700 ) and about each and every 10 kc must adjust the tuner for low swr but I put the readings on a 4 X 8 card and not really a problem. No caps or coils at the base of MY antenna. Base is up about a foot above ground because of snow here. I do connect the shield to my radial system which is poor but about 6 wires as long as I could get in a city lot, one even runs around the house and into the front yard. Use an edger to cut the trench and push the wire into it with a wooden paint paddle so you don't damage the wire. I use just plain old # 14 single conductor house wiring you can get at Home Depot. Works like gang busters for me.

Walt Amos K8CV Royal Oak, MI.

----- Original Message -----  
From: "tmyers" <tmyers@AcademicPlanet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, January 27, 2002 13:16  
Subject: Re: 160 is a BLAST!!!!!!!

> What station are you using on 160M? Rig and Ant configuration. I have  
> the K2 on with a dipole that is like a G5RV at 35 feet and I have not  
> had any contacts over 750 miles. I hear them but they don't hear me.

>  
> Enlighten us.

>  
> Thanks  
>  
> KQ5U, Terry  
> Spring, Texas  
>

> ----- Original Message -----  
> From: w8diz <w8diz@fpqrp.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Sunday, January 27, 2002 2:59 AM  
> Subject: 160 is a BLAST!!!!!!!  
>  
>

> > Hi all...

> >  
> > What a blast! Working the 160 contest QRP. Been pouncing on  
> > all the stationary ops; picked up 37 states so far...  
> > best part was hearing Ade, WORSP working stations all over  
> > and I NEEDED SD BAD! So I figured I'll park myself near 1810  
> > and just keep calling CQ TEST. About 15 minutes of calling CQ,  
> > Ade finally showed up and I got my SD. TNX ADE!!!  
> > Now to get the remaining 13 states; wishful thinking :-)

> >  
> > -Diz, W8DIZ, Loveland, OH  
> >

> > PS: I've heard every state except AK, HI, WY and ID.  
> > Strange; I hear N4BP 589 but he can't hear me ..Whats up Bob?

> >  
>  
>

-----  
Sign Up for NetZero Platinum Today  
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<http://my.netzero.net/s/signup?r=platinum&refcd=PT97>  
-----

Date: Sun, 27 Jan 2002 22:00:42 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118467] Re: building question- sort of long  
Message-ID: <3C54BEDA.C2F2642B@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John,

Building is like most anything else, it should be taken slowly, at least at first! I am well familiar with the desire to build one of everything you see in every magazine and Handbook, but if you take a deep breath and wait a few days, you will soon see that once you have built two of everything you won't want to start on the next one!

Here I build mostly my own designs or simple pieces of circuits to test their operation. I can be a whole lot more selective about what I build because I have built so much. It is a problem when you are first starting out. Experience will set in and you will slow down and then start wondering why you have all those boxes of parts sitting there! Also, recycle parts!

73

-----  
Date: Sun, 27 Jan 2002 22:11:21 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: mjsilva697@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118468] Re: Solder question  
Message-ID: <3C54C159.D325F4F@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Probably absolutely nothing, at least in your lifetime! What I think they mean is there may be some corrosive elements in the flux. These are often used even in rosin core solder to improve the bonding. The residual action is very slight and unlikely to have any effect. Just look in any piece of equipment that has been soldered, do you see anything? Probably not!

73

-----

Date: Sun, 27 Jan 2002 20:22:18 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dave Richards <wr3i@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118469] Re: Sked?  
Message-ID: <Pine.LNX.4.33.0201272020140.4640-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Dave, I found a QSO on 7043 so went to 7044 and called you several times but no Joy. Alas my noise level is very high due to tree parts hitting the high voltage line. I hope someone else got to work you.

On Sun, 27 Jan 2002, Dave Richards wrote:

> I am in a hotel in Tewksbury MA any one close who would like to set up a sked  
tonight  
> on 40 I would like to test my Portable window ant  
> Dave W1QB  
>  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Sun, 27 Jan 2002 22:20:33 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: jamesd1@flash.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [118470] Re: Learning CW and More on the Koch Method  
Message-ID: <3C54C381.9345B62E@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The Koch method works at any speed. It is just slower if you start at 5 wpm and work your way up!

Setting your program to only send the characters you know is a poor way

to simulate actual CW reception and will slow you down. How many times in actual practice do you know which character is going to be sent next? Yes, you know it will be one of 36 (letters and numbers( and a few prosigns, but that is all! It will seriously hamper your recovery from a character you don't recognize. I learned Cw by learning a few characters and then trying to copy them in a normal session. It helped when I took the test, I could ignore errors and move on without spending the next several characters trying to figure out what it was that I had head!

73

-----  
Date: Sun, 27 Jan 2002 20:35:31 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Dave Richards <wr3i@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118471] Re: FT 817 Filters?  
Message-ID: <Pine.LNX.4.33.0201272033230.4681-1000000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can't speak for all but I use the Collins Mechanical CW filter that's 500 Hz wide at -6 DB. Not aware of any others, but the last IF is 455 KHz so many might work

Sorry I didn't hear you.

On Sun, 27 Jan 2002, Dave Richards wrote:

> I would be interested to know what all you ft817 owners use for CW Filter  
> Dave  
> W1QB  
>  
>  
>

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----

Date: Sun, 27 Jan 2002 20:32:17 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: Bruce Muscolino <w6toy@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118472] Re: Learning CW and More on the Koch Method  
Message-ID: <B87A1450.10DE4%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Bruce - One of the purposes of the Koch method starting at 15 wpm to 20 wpm is to prevent the mind from making the association mentally. By using the high speed, the recognition is reflexive, that is it goes directly from hearing to writing.

Also the high speed eliminates the effect of knowing what is coming, so that does not matter either, because again the mind does not make the association. - Duffey

--

James R. Duffey KK6MC/5  
Cedar Crest, NM DM65

-----  
Date: Sun, 27 Jan 2002 20:40:51 -0700  
From: "Karl B. Staddon" <ve6kbs@agt.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118473] Re: FT 817 Filters?  
Message-ID: <010201c1a7ad\$9549b120\$a9993b8e@ab.hsia.telus.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl, I use the INRAD 300 Hz CW filter (model 712E) in my FT-817 - I like narrow filters and I'm very happy with this one.

To check it out go to:

<http://www.qth.com/inrad/>

Go down the webpage until you get to:

"FT-817 FILTERS"

and follow the link. You can even view graphs of the performance of the various filters.

Cheers



Karl B. Staddon VE6KBS  
Calgary, Alberta

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Sunday, January 27, 2002 20:35 PM  
Subject: Re: FT 817 Filters?

>  
> I can't speak for all but I use the Collins Mechanical CW filter that's  
> 500 Hz wide at -6 DB. Not aware of any others, but the last IF is 455 KHz  
> so many might work  
>  
> Sorry I didn't hear you.  
>  
> On Sun, 27 Jan 2002, Dave Richards wrote:  
>  
> > I would be interested to know what all you ft817 owners use for CW  
Filter  
> > Dave  
> > W1QB  
> >  
> >  
> >  
> >  
> --  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
> <http://www.zianet.com/k5di/>  
>  
>

-----  
Date: Sun, 27 Jan 2002 22:10:46 -0600  
From: Dave Redfearn <n4elm@attbi.com>  
To: wr3i@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118474] Re: FT 817 Filters?  
Message-ID: <3C54CF46.256CDFFB@attbi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Dave Richards wrote:

>

> I would be interested to know what all you ft817 owners use for CW Filter

> Dave

> W1QB

A 300 Hz IRC crystal filter in the radio  
and that empty space between my ears :-)

73 - Dave

=====

Dave Redfearn, ARS N4ELM, McKinney, TX

Email: n4elm@NOJUNKattbi.com (to reply, remove NOJUNK)

QRL? de N4ELM/qrp

-----

Date: Mon, 28 Jan 2002 04:23:34 +0000

From: alan.kaul@att.net

To: wr3i@earthlink.net

Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [118475] Re: FT 817 Filters?

Message-ID:

<20020128042335.UPOJ3409.mtiwmhc23.worldnet.att.net@webmail.worldnet.att.net>

For a few extra dollars you can get both a narrow CW  
filter and a better quality SSB filter installed.

Check the website at: <http://www.w4rt.com/>

And click on the 'two-filters' logo for the FT817.

The filter installation was written up in a recent  
edition of QRP Quarterly. Seems to me it was a couple  
of issues ago -- but I'm writing this from WORK, and the  
magazine is at HOME.

I have not used the FT817 enough to really give you a  
comprehensive report. But another friend who has the  
same rig, purchased only the CW Filter and uses the  
stock SSB filter. He and I are going to connect the  
rigs to the same antenna and make some comparisons----  
when we do I'll post it here.

In the meantime, (and only based on few QSO's) let me  
tell you I think both filters work fine in my rig. I am

hoping to try the rig in the next big CW contest or SSB contest or both, and perhaps I will be able to give you a better report.

BTW -- W4RT has another option, for a little more \$\$\$ which includes a narrower CW filter.

If you can find the QRP Quarterly article, it was quite detailed and I'd recommend you read it before spending money on a CW filter.

72/73 de alan

--

Alan Kaul W6RCL e-mail:

w6rcl@amsat.org

<http://worldnet.att.net/~alan.kaul/index.html>

> I would be interested to know what all you ft817 owners use for CW Filter

> Dave

> W1QB

>

>

-----

Date: Sun, 27 Jan 2002 22:45:15 -0600

From: Monty N5FC <n5fc@io.com>

To: gzimmer@optushome.com.au, qrp-1@Lehigh.edu

Subject: [118476] Re: Tiny DSP Filter

Message-ID: <5.1.0.14.1.20020127224005.00ab3cb0@mail.io.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Zim!

I'm very excited about your tiny DSP filter, and would be interested in building one myself. Keep up the good work!

73,

monty N5FC

<http://www.io.com/~n5fc/>

At 19:03 01/27/2002 -0500, you wrote:

>Date: Sun, 27 Jan 2002 17:20:59 +1100

>From: "Graeme Zimmer" <gzimmer@optushome.com.au>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: [118407] Tiny DSP filter for QRP  
>Message-ID: <001401c1a6fa\$c958cf40\$0886a4cb@C03043446A>  
>MIME-Version: 1.0  
>Content-Type: text/plain;  
> charset="iso-8859-1"  
>Content-Transfer-Encoding: 7bit  
>  
>Hi folks,  
>  
>For those who (like me) are facinated by audio filters for CW work...  
>  
>I have just started a Web page which will detail my latest DSP filter  
>design.  
>  
>it's at <http://members.optushome.com.au/gzimmer/AleWeb/default.html>  
>  
>(hint: I'll need some Volunteers to test my prototypes....)  
>  
>  
>later ..... Zim ..... VK3GJZ

-----  
Date: Mon, 28 Jan 2002 00:47:17 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: qrp-l@lehigh.edu  
Subject: [118477] NLS Mini-scope info needed.  
Message-ID: <5.0.2.1.0.20020128002112.00ae00b0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear gang,  
My MS-215 has decided that it wants to shut down on internal battery mode.  
I have tested and replaced the Cyclon pack but the problem persists. Before I  
go into the circuit tracing-----tear your hair out mode I thought I would  
ask if  
anyone had a schematic or other info to speed up troubleshooting.  
The weather here is just too wonderful to spend much time indoors.  
Three antenna projects afoot so once again ...well you know the rest :-)  
On The Roof  
73 Pete NV4V Ky

-----  
Date: Mon, 28 Jan 2002 08:35:01 GMT  
From: "Adrian Weiss" <aweiss@usd.edu>

To: qrp-1@Lehigh.EDU  
Subject: [118478] Re: VX0 design : Peter DL1FI explain pse!  
Message-ID: <GQMYFJ00.64C@mail.usd.edu>

Hi all:

Dan Tayloe pointed out that tuning the VX0 with a variable inductor works better than with a capacitor. The guys at the DL-AG-QRP group have used this approach in their SMD intro kit. Peter Zenker explained this all to me at FDIM 2001, but it was technical beyond my comprehension -- the explanation was great, but I just didn't know enough!

I gather that it has something to do with the fact that an xtal is a series inductor (of sorts), so when one puts a variable inductance in series with it, the effect is much greater than when a series variable capacitor is used.

Don't quote me, but it was something like that. At any rate, maybe Peter will catch this post and explain it to us.

Pulling a 7040 xtal 13kHz is worth talking about. The hitch seems to be that the highest freq is below the xtal freq, which is no problem -- just run with a 7046 xtal and cover everything you ever wanted to!

Incidentally, check out their website for pix (vy good) and explanation of the SMD project:

[www.dl-qrp-ag.de](http://www.dl-qrp-ag.de)

Sorry about that, but I can't do links on this pgm.

72, Ade

-----

Date: Mon, 28 Jan 2002 08:56:42 GMT  
From: "Adrian Weiss" <aweiss@usd.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [118479] 160 Contest Results -- New Inv-L.. ramble ramble  
Message-ID: <GQMZF000.D2D@mail.usd.edu>

Hi all:

I tried out a new Inv-L for the 160 bash this time. In previous years, I used a G5RV as top-loading for a 75-ft run of ladderline which went up the side of the house, horizontal to the base of the mast, and

vertical up to the G5RV. Used 28 radials under it plus linear loading to resonate it. Well, I took it down last March or so. For the ARRL 160 test, I tied the twinlead feeders to both my 30m dipoles together and used 20 short radials at some distance from the base -- a haywire spur-of-the-moment-to-see-if-would-work antenna. It did, sort of -- but what a gruesome battle!

Been eyeing a 65ft high "Y" on my tree out back. Had a nice day in mid Dec. so slingshoted a line over it. Pulled 145ft (about) of wire over it a couple of weeks ago. Horiz. flat-top is 66ft, about 60ft vertical, and the rest formed into a loop the height of the garage roof. Oddly enough, it resonated at 1835kHz -- pure luck is better than all the planning in the world. Only put out 16 radials (66ft) running under the flat-top. Measured at  $Z=34-j2$  or so. Lot of ground loss... So, my '66 Tempest was sitting behind the tree about 7ft away -- why not? Connected the Tempest into the system brought the Z down to 24ohms -- much better. To make life easier, I used my MFJ-941 at the base of the antenna to get a 1:1 match to the 75ft of coax needed to reach the shack.

I tried it out during the NA sprint -- wow! I did around 40 QSO's in an hour and had enough! Seemed pretty good to me!

End results. I did 160 QSO's in about 5 hours Sat. night. I learned one thing -- don't ever ask me to anchor a DXpedition station. I could never keep up! I was only going to fool around for a couple of hours, but I just could not stop making QSO's until the wee hours. Finally QRP-bro W8DIZ showed up, that provided the satisfaction that let me quit! Great way to cap a 160m contest. W3TS was in there 56/57 as usual. Worked K7RE but I see from his post that he was QRO. Next time, eh Brian? Great to work you tho! Also, I got a call from MI asking where I was -- hadn't worked my way down to 1839.4 yet!

Kicker for the evening -- worked ZF2NT who ended up thanking me profusely in two languages for SD! Must have been 6-7 stns who sent "tnx last state".

So, 160 QSO's but only 41 states plus a bunch of VE's.

It was too easy. Condx were great! But even given that, this Inv-L seemed to seriously out-perform the G5RV top-loaded vert. system. And it was sooooo easy to set up!

I'm sort of a "believer" in Inv-L now.

Next year -- try 160!

72, ade

-----  
Date: Sun, 27 Jan 2002 23:07:33 -0800  
From: Dan Presley <talljazz@teleport.com>  
To: qrp-1@lehigh.edu  
Cc: QFOX@egroups.com  
Subject: [118480] Fox:N7CQR log 1/25  
Message-ID: <p0501042cb87a26c3c7c2@[209.63.112.215]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Here is the 'raw log', so send any corrections on.Thanks to all who were there.

| UTC  | Call   | RST rcv | SP | Name    | PWR   |
|------|--------|---------|----|---------|-------|
| 0200 | KB7WW  | 559     | OR | Art     | 5W    |
| 0201 | K0EVZ  | 579     | ND | Doc     | 5W    |
| 0202 | N0TK   | 569     | CO | Dan     | 5W    |
| 0203 | N6WG   | 569     | CA | Bob     | 5W    |
| 0204 | K0FRP  | 579     | CO | Al      | 5W    |
| 0205 | N0TU   | 559     | CO | Steve   | 500mW |
| 0206 | VA6RF  | 559     | AB | Earl    | 5W    |
| 0207 | AG0T   | 559     | ND | Todd    | 4W    |
| 0208 | VE5RC  | 449     | SK | Bruce   | 5W    |
| 0209 | W5YR   | 559     | TX | George  | 5W    |
| 0210 | AA7XA  | 559     | OR | Frank   | 5W    |
| 0211 | AB0CD  | 599     | CO | Dick    | 5W    |
| 0212 | W0UFO  | 559     | MN | Mert    | 5W    |
| 0213 | N5ZE   | 559     | TX | Lew     | 5W    |
| 0214 | N0AR   | 559     | MN | Scott   | 5W    |
| 0215 | W4NJK  | 559     | CA | Charlie | 5W    |
| 0216 | K4GT   | 569     | GA | Jim     | 5W    |
| 0217 | NK6A   | 559     | CA | Don     | 5W    |
| 0218 | K7TQ   | 559     | ID | Randy   | 5W    |
| 0219 | N4ROA  | 559     | VA | Dan     | 5W    |
| 0220 | AA50   | 559     | LA | Vern    | 5W    |
| 0221 | W7ILW  | 559     | AZ | Walt    | 5W    |
| 0222 | WR50   | 559     | TX | Dave    | 5W    |
| 0223 | N0HRL  | 559     | MN | Ken     | 5W    |
| 0224 | N5GJQ  | 579     | LA | Mike    | 5W    |
| 0225 | KD5KXF | 599     | TX | Mike    | 5W    |
| 0226 | K5PSH  | 559     | TX | Jerry   | 5W    |
| 0227 | W3CD   | 559     | CA | Don     | 5W    |
| 0228 | K6VNX  | 559     | CA | Arlen   | 5W    |
| 0229 | KQ5U   | 559     | TX | Jerry   | 5W    |
| 0230 | AD6JV  | 559     | CA | Bill    | 5W    |
| 0231 | VE4WI  | 559     | AB | Craig   | 5W    |
| 0232 | VE6EXV | 559     | AB | Dan     | 5W    |

|      |        |     |    |        |       |
|------|--------|-----|----|--------|-------|
| 0233 | K3PH   | 569 | PA | Bob    | 5W    |
| 0234 | W5USJ  | 559 | TX | Chuck  | 5W    |
| 0235 | W0CH   | 559 | MO | Dave   | 900mW |
| 0236 | N1FN   | 559 | CO | ET     | 5W    |
| 0237 | NQ7T   | 559 | WA | Gary   | 5W    |
| 0238 | W9XU   | 559 | WI | Lon    | 5W    |
| 0239 | KK5LD  | 559 | TX | Dan    | 5W    |
| 0241 | K5E0A  | 559 | LA | Wayne  | 5W    |
| 0242 | AE4Y   | 559 | GA | Kent   | 5W    |
| 0244 | K9DC   | 559 | IN | Dave   | 5W    |
| 0245 | KI0II  | 559 | CO | Ron    | 5W    |
| 0246 | AE5JH  | 559 | OK | Tom    | 5W    |
| 0248 | WE9K   | 559 | MI | Glenn  | 5W    |
| 0249 | K4FB   | 559 | FL | Paul   | 5W    |
| 0250 | AJ4AY  | 559 | AL | Jay    | 5W    |
| 0251 | K7GT   | 579 | CA | Alan   | 5W    |
| 0252 | K0PC   | 559 | MN | Pat    | 5W    |
| 0253 | WA9TZE | 339 | WI | Jim    | 5W    |
| 0254 | W8SFF  | 559 | MI | Steve  | 5W    |
| 0256 | KR5C   | 599 | TX | George | 5W    |
| 0257 | KE6RS  | 559 | CA | Ron    | 5W    |
| 0259 | KG6CYN | 559 | CA | Trev   | 5W    |
| 0300 | K8CV   | 559 | MI | Walt   | 5W    |
| 0301 | NV4V   | 559 | KY | Pete   | 5W    |
| 0302 | W0PWE  | 559 | IA | Jerry  | 5W    |
| 0303 | W8RU   | 559 | MI | Ron    | 5W    |
| 0304 | AF4LU  | 559 | KY | Mike   | 5W    |
| 0305 | NK9G   | 449 | WI | Rick   | 5W    |
| 0306 | KB9WNG | 449 | IN | Tommy  | 5W    |
| 0307 | W0RSP  | 559 | SD | Ade    | 4W    |
| 0309 | NQ7X   | 559 | AZ | Floyd  | 5W    |
| 0310 | N9AW   | 559 | WI | Jerry  | 5W    |
| 0311 | W5TB   | 559 | TX | Doc    | 5W    |
| 0312 | K9IS   | 559 | WI | Steve  | 5W    |
| 0313 | K7EL   | 559 | OR | Dave   | 5W    |
| 0314 | WE6W   | 569 | CA | Ed     | 4W    |
| 0315 | K3IU   | 559 | RI | Ken    | 5W    |
| 0317 | WF4PS  | 559 | FL | Mark   | 3W    |
| 0319 | W8VJW  | 559 | MI | John   | 5W    |
| 0320 | KD7CTF | 599 | OR | Lee    | 1W    |
| 0321 | K4ADI  | 559 | SC | Frank  | 5W    |
| 0322 | N5IW   | 559 | TX | Dave   | 5W    |
| 0323 | K5DI   | 559 | NM | Karl   | 5W    |
| 0324 | WV9N   | 559 | OH | Randy  | 5W    |
| 0325 | K4JID  | 559 | GA | Tom    | 5W    |
| 0326 | K5ZTY  | 559 | TX | Bill   | 5W    |
| 0327 | K8KFJ  | 559 | WI | Gary   | 5W    |
| 0328 | K9UIA  | 229 | IA | Kevin  | 5W    |



|      |            |        |       |       |
|------|------------|--------|-------|-------|
| 0329 | KC0ATC 559 | CO     | Chris | 5W    |
| 0330 | VE4FAL 559 | ON     | Frank | 5W    |
| 0331 | K50I       | 559 OK | Tim   | 5W    |
| 0333 | W9HL       | 559 IL | Randy | 5W    |
| 0334 | KC1FB 559  | CT     | Jim   | 5W    |
| 0335 | AJ9U       | 539 WI | Bob   | 5W    |
| 0336 | KL7IXI 579 | WA     | Mike  | 4W    |
| 0337 | N3ZPQ 559  | OH     | Frank | 3W    |
| 0338 | NG7G       | 599 WA | Paul  | 2W    |
| 0339 | WB6BWZ 559 | CA     | Matt  | 5W    |
| 0340 | N1TP       | 559 FL | Tom   | 5W    |
| 0341 | N5IB       | 559 LA | Jim   | 5W    |
| 0342 | KJ0C       | 559 OH | Jim   | 5W    |
| 0343 | KV2X       | 559 NY | Tom   | 5W    |
| 0344 | N0RC       | 559 CO | Rod   | 5W    |
| 0345 | W5YA       | 579 NM | Fred  | 5W    |
| 0346 | NX8C       | 559 MI | Mel   | 5W    |
| 0347 | NM5M       | 559 TX | Eric  | 5W    |
| 0348 | NC90       | 559 IL | Skip  | 5W    |
| 0349 | N2WW       | 559 CO | Larry | 5W    |
| 0350 | N9NE       | 559 WI | Todd  | 5W    |
| 0351 | W9JOP/4    | 559 VA | Bob   | 2W    |
| 0352 | N9AW       | 559 WI | Jerry | 900mW |
| 0353 | WA8BXN 559 | OH     | Mike  | 5W    |
| 0355 | K2PQ       | 559 NJ | Frank | 5W    |
| 0356 | KC9LC 559  | VA     | Randy | 5W    |
| 0358 | N9WW       | 559 IL | Jim   | 5W    |
| 0400 | N0UR       | 559 MN | Jim   | 5W    |
| 0400 | N7CQR 559  | OR     | Dan   | 5W    |

--

Dan Presley  
talljazz@teleport.com  
(503) 232-8244  
pager (503) 229-8682

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Date: Mon, 28 Jan 2002 08:32:12 +0100  
From: "Ingo, DK3RED" <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [118481] Re: VX0 design : Peter DL2FI explain pse!  
Message-ID: <3C54FE7C.79F099A8@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Ade,

The kit (Hegau SMD) is ready and was build by many builders. You can download the manual (SRI only in German) from

<http://www.dl-qrp-ag.de/hegausmd.htm>

You will see the pictures for building the variable inductor on page 10. It is a screw inside a plug/dowel with a nut on one side. On the top of the screw a small ferrit rode is connected (i.e. with glue). The coil is wind on the surface of the plug/dowel. If you rotate the screw the ferrit rod will slip in and out of the coil.

--

72/73 de Ingo, DK3RED    Don't forget: the fun is the power!  
         dk3red@t-online.de    <http://www.qsl.net/dk3red>  
         DL-QRP-AG #824    <http://www.dl-qrp-ag.de>

-----  
Date: Mon, 28 Jan 2002 10:37:57 -0000  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "QRL-L List" <qrp-l@Lehigh.EDU>  
Subject: [118482] RE: Learning CW and More on the Koch Method  
Message-ID: <FDE0KGEJJFNPABJJIJGDDGEJKDIAA.radioham@gmx.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Hi,

I have a Windows based Koch Method CW Trainer on my website [www.g4fon.co.uk](http://www.g4fon.co.uk) for anybody interested in trying it out.

72's de Ray g4fon

RSGB, BATC, GQRP-10698 QRP-L 2378  
[ray@g4fon.co.uk](mailto:ray@g4fon.co.uk)  
[www.g4fon.co.uk](http://www.g4fon.co.uk)

-----  
Date: Mon, 28 Jan 2002 10:44:05 -0000  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "QRL-L List" <qrp-l@Lehigh.EDU>

Subject: [118483] QSO logging application for the Palm platform.  
Message-ID: <FDE0KGEJJFNPABJIJGDDAEJLDIAA.radioham@gmx.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi,

Have you considered a Palm device for your portable logging needs and been unable to find a suitable application?

You are cordially invited to consider QSO Diary my freeware logging application for the Palm OS Platform which can be downloaded from [www.qsl.net/g4fon](http://www.qsl.net/g4fon)

I hope that you will find QSO Diary to be intuitive and easy but constructive comments are always welcome by email to [ray@g4fon.co.uk](mailto:ray@g4fon.co.uk)

72's de Ray g4fon

RSGB, BATC, GQRP-10698 QRP-L 2378  
[ray@g4fon.co.uk](mailto:ray@g4fon.co.uk)  
[www.g4fon.co.uk](http://www.g4fon.co.uk)

-----  
Date: Mon, 28 Jan 2002 12:06:40 +0100  
From: "Ingo, DK3RED" <[dk3red@t-online.de](mailto:dk3red@t-online.de)>  
To: [radioham@gmx.co.uk](mailto:radioham@gmx.co.uk), GQRP <[gqrp@yahoogroups.com](mailto:gqrp@yahoogroups.com)>, QRP-L <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [118484] Re: QSO logging application for the Palm platform.  
Message-ID: <3C5530C0.92DEAC22@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Ray,

An other Palm user is Dave NK0E. He wrote also a nice logging program for the Palm. Check

<http://home.earthlink.net/~ekdave/golog.html>

for more details.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!  
dk3red@t-online.de <http://www.qsl.net/dk3red>  
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

-----  
Date: Mon, 28 Jan 2002 03:44:23 -0800 (PST)  
From: Jim Durkin <jimdurkin@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [118485] Radios, etc for sale  
Message-ID: <20020128114423.46105.qmail@web13006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I have a few things for sale.

1) DSW-20

I built this about a year or so ago. Worked a few stations once or twice and have not used it since.  
If interested, make an offer

2) OHR-400

Has DD-1 digital dial, KC-1 internal keyer/frequency counter, and an internal 4" speaker.  
Bought this 8/99 for \$325 and used it until I got a QRP+ in 3/2000. Suspect it has lost some value.  
If interested, make an offer.

3) DK9SQ fiberglass telescope tower - 33 feet and vertical-loop antenna, 10-40 meters

This is a year or two old. Used it for a month +/- as the main home antenna before putting up a Zepp and a GAP Titan.  
If interested, make an offer.

73  
Jim kt4a

-----  
Do You Yahoo!?  
Great stuff seeking new owners in Yahoo! Auctions!  
<http://auctions.yahoo.com>  
-----

Date: Mon, 28 Jan 2002 03:47:13 -0800 (PST)

From: Jim Durkin <jimdurkin@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [118486] Houston Ham looking for laptop for packet  
Message-ID: <20020128114713.98362.qmail@web13008.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

There was a note about a month ago looking for a computer to dedicate to packet. I believe the person was in Houston.

I have a computer for this for free. Please contact me if interested.

73

Jim kt4a

-----  
Do You Yahoo!?  
Great stuff seeking new owners in Yahoo! Auctions!  
<http://auctions.yahoo.com>

-----  
Date: Mon, 28 Jan 2002 07:28:09 -0500  
From: Harris Keith E CONT CNIN <harris\_k@crane.navy.mil>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [118487] Re: Ham Radio Sales in Columbus  
Message-ID: <213CBBCE200DD6119CEF00B0D0D0D52E22AD52@cninnmciexch1.crane.navy.mil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Gang,

Thanks for all the responses. I got over a dozen responses with the clear favorite being Universal Radio. Also mentioned was the RS warehouse and surplus sales on the South side of Columbus. Universal Radio looks like a winner, I was going to the JC Penney outlet store just down the street anyway. Thanks again everyone.

73/72 de N9KH

-----  
Date: Mon, 28 Jan 2002 04:40:04 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: qrp-1@Lehigh.EDU  
Subject: [118488] Inductors and MRX-40  
Message-ID: <20020128124004.48871.qmail@web13004.mail.yahoo.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I recently finished building an MRX-40 receiver (QST Sept 97 - <http://www.arrl.org/tis/info/pdf/99759.pdf> ) and tried it out last night. The audio gain on it left a lot to be desired, checking the resistance on the variable pot, when my finger brushed one of the inductors. I nearly lost my ear drum! Sure enough, if I touch the inductor (L1 5.6 uH molded choke), everything got a lot louder. And it gets even louder if I touch it with something metal. This is great.

So what is up with this? (I'm just starting to learn the practical side of electronics.) Do I have it miswired? Do I need a larger inductor?

Thank you!

Patrick  
KD4LOX

-----  
Do You Yahoo!?  
Great stuff seeking new owners in Yahoo! Auctions!  
<http://auctions.yahoo.com>

-----  
Date: Mon, 28 Jan 2002 05:47:55 -0700  
From: "Dave Ek" <ekdave@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [118489] New version of G0Log Palm contest logger  
Message-ID: <001f01c1a7fa\$02b714e0\$0100a8c0@oldman>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

All,

I've just posted a new version of the free G0Log Palm contest logging software on my web site. Version 1.0.9 contains several new features:

- larger fonts in the log entry and editing windows
- option to enter log data in all upper case
- the outgoing exchange is now shown in the log entry window and can be

edited before logging

- you can now enter a GMT/local time conversion so that log entries are logged using GMT
- WARC bands are now included for those using Golog as a general purpose logger

IMPORTANT NOTE: Golog 1.0.9 cannot open log files created with earlier versions of Golog. Before you install Golog 1.0.9, make sure you perform a hotsync and save your old logs to your PC. Then delete the logs on your Palm. If you try to open an old log file using Golog 1.0.9, the program will crash.

I'm calling this a beta version for now, but that's mainly because all the documentation hasn't caught up yet. I think the software itself is pretty stable, and the online help text is up to date. However, if you do find a bug, please let me know about it.

For more details, go to my Golog web page at

<http://home.earthlink.net/~ekdave/golog.html>

73 de Dave NK0E

-----  
Date: Mon, 28 Jan 2002 08:45:12 -0500 (EST)  
From: baltimoremd@baltimoremd.com  
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>  
Subject: [118490] CW and QRP-L  
Message-ID: <20020128084229.R42279-100000@unix1.vhost.min.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'll be more than happy to put CW oriented files/articles, etc. on the QRP web ring home page.

It's not like I'll run out of space, since I own the server (g)

Email them to me, or give me a URL where I can get them.

Thom

baltimoremd@baltimoremd.com  
<http://www.tlchost.net>

Thom LaCosta K3HRN Webmaster  
webhosting as low as \$3.49/month

<http://www.baltimorehon.com/>  
<http://www.zerobeat.net>

Home of the Baltimore Lexicon  
Home of The QRP Web Ring  
and Drake Mail List Pages

-----  
Date: Mon, 28 Jan 2002 09:14:13 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>, "pigs" <fpqrp-l@mpna.com>  
Subject: [118491] 75m Module  
Message-ID: <001b01c1a806\$1046f380\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,

I need a 75m module for my Ten Tec Scout.

Anyone have one they want to sell or trade?

I need this so I can participate in the NTS nets for my section.

Thanks

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Mon, 28 Jan 2002 09:16:39 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [118492] Re: Inductors and MRX-40  
Message-ID: <5.1.0.14.1.20020128085841.00a65920@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed



At 04:40 AM 1/28/2002 -0800, you wrote:

>I recently finished building an MRX-40 receiver (QST Sept 97 -  
><http://www.arrl.org/tis/info/pdf/99759.pdf> ) and tried it out last  
>night. The audio gain on it  
>left a lot to be desired, checking the resistance on the variable pot,  
>when my finger brushed one  
>of the inductors. I nearly lost my ear drum! Sure enough, if I touch the  
>inductor (L1 5.6 uH  
>molded choke), everything got a lot louder. And it gets even louder if I  
>touch it with something  
>metal. This is great.  
>  
>So what is up with this? (I'm just starting to learn the practical side  
>of electronics.) Do I  
>have it miswired? Do I need a larger inductor?

Patrick,

If you can touch the inductor and get good signal, it's okay. In fact, the rest of the circuit is probably okay too if it responded that well. There's probably a glitch between the inductor and the antenna. It's been my experience that if you touch something inside a receiver and the signal gets louder, one of the following has occurred:

1) The signal path between the antenna and the point you touched is open. Try touching other points along that path back towards the antenna: the junction of C1 and C2, the wiper of the pot, the top (antenna) side of the pot. (You -do- have an antenna connected, right? Just checking.) Use a test lead, or even a screwdriver. While this is a low-voltage device, sticking your fingers on live circuitry isn't a good habit to get into. If you find one point where the signal increases and another point where it doesn't, the break is in between.

2) A related problem is an incorrect component value. For example, if your 47 ohm resistor was really 47 kohms, you'd have a lot less signal. The pot's value shouldn't be too critical if you have it turned all the way up. If the value of C1 or C2 is incorrect (or if one of them is open), you could have the same problem.

3) It's possible that some components are mis-wired. (Not that -I've- ever done that. (Grin)) Perhaps if C1 and C2 are swapped, or the pot is wired incorrectly. By the way, what kind of pot did you use?

I hope this helps. Let us know how it works out!

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Mon, 28 Jan 2002 04:40:42 -0500 (EST)  
From: <n2go@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [118493] Trade server for gear  
Message-ID: <Pine.LNX.4.33.0201280435580.3293-100000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a Compaq 3000 server with raid drive, front loading cd, 1.4m floppy  
15/30 DLT tape drive. This is the roll around unit.  
The drives are ultra wide scsi II 9.1G each. This would be nice for  
someones email system or whatever. It has the ethernet card.  
Trade for qrp or boatanchor stuff. Can deliver to Buffalo Hamfest in  
February. Kinda heavy to haul to Dayton. Otherwise Pickup deal.

73,

Jim n2go

-----  
Date: Mon, 28 Jan 2002 06:38:18 -0800 (PST)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: WD8CIV@worldnet.att.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118494] Re: Inductors and MRX-40  
Message-ID: <20020128143818.71873.qmail@web13004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I don't have it in front of me, so I'll take a look at the component values and  
placement this  
evening. (The reason I chose this receiver was that the article in QST gave me  
the Mouser part  
numbers, which made ordering easy.)

Yep, the antenna is attached. I tried disconnecting it, and then I got no signal,  
which is a good  
sign.

The pot is a 10k0hm linear taper pot (Mouser 317-2091-10K). I tested it, and the it is variable from 0-10k0hm. And as you said, I had it all the way up.

Thanks for the help

Patrick

--- David Hinerman <WD8CIV@worldnet.att.net> wrote:

> At 04:40 AM 1/28/2002 -0800, you wrote:

> >I recently finished building an MRX-40 receiver (QST Sept 97 -  
> ><http://www.arrl.org/tis/info/pdf/99759.pdf> ) and tried it out last  
> >night. The audio gain on it left a lot to be desired, checking the  
> >resistance on the variable pot, when my finger brushed one  
> >of the inductors. I nearly lost my ear drum! Sure enough, if I touch the  
> >inductor (L1 5.6 uH molded choke), everything got a lot louder. And it  
> >gets even louder if I touch it with something metal. This is great.

> >

> >So what is up with this? (I'm just starting to learn the practical side  
> >of electronics.) Do I have it miswired? Do I need a larger inductor?

>

> Patrick,

>

> If you can touch the inductor and get good signal, it's okay. In fact, the  
> rest of the circuit is probably okay too if it responded that well. There's  
> probably a glitch between the inductor and the antenna. It's been my  
> experience that if you touch something inside a receiver and the signal  
> gets louder, one of the following has occurred:

>

> 1) The signal path between the antenna and the point you touched is open.  
> Try touching other points along that path back towards the antenna: the  
> junction of C1 and C2, the wiper of the pot, the top (antenna) side of the  
> pot. (You -do- have an antenna connected, right? Just checking.) Use a test  
> lead, or even a screwdriver. While this is a low-voltage device, sticking  
> your fingers on live circuitry isn't a good habit to get into. If you find  
> one point where the signal increases and another point where it doesn't,  
> the break is in between.

>

> 2) A related problem is an incorrect component value. For example, if your  
> 47 ohm resistor was really 47 kohms, you'd have a lot less signal. The  
> pot's value shouldn't be too critical if you have it turned all the way up.  
> If the value of C1 or C2 is incorrect (or if one of them is open), you  
> could have the same problem.

>

> 3) It's possible that some components are mis-wired. (Not that -I've- ever  
> done that. (Grin)) Perhaps if C1 and C2 are swapped, or the pot is wired  
> incorrectly. By the way, what kind of pot did you use?

>

> I hope this helps. Let us know how it works out!  
>  
> Dave  
>  
>  
> -----  
> Dave Hinerman  
> WD8CIV@worldnet.att.net  
>

-----  
Do You Yahoo!?  
Great stuff seeking new owners in Yahoo! Auctions!  
<http://auctions.yahoo.com>

-----  
Date: Mon, 28 Jan 2002 10:04:03 -0500  
From: dmaliniak@penton.com  
To: qrp-1@lehigh.edu  
Subject: [118495] Building up a junkbox  
Message-ID: <0FA13CCCCFF.C43533EC-0N85256B4F.0051808E@penton.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

I like to say that I have hamdom's shallowest junkbox. Having said that, I've been lucky with finding some parts at hamfests. I came away from one with a great supply of 1/4-W resistors when I found a guy selling big baggies of loose, assorted ones for a couple bucks each. I think I bought about three bags, spent about five nights sorting them (a great way to learn the color code), and had to buy a big box of coin envelopes to properly store them.

Another time I found a guy with baggies full of 1N400x rectifiers. Got plenty of those now, also for a buck or three.

Then there was the guy I found with a huge (and I mean huge) box of packaged new components of all types and descriptions. He'd sell you a brown paper lunch bag full of as many as you wanted to stuff in there for \$5. I only ran into him once and have been looking for him ever since. I now have a nice supply of basics like decoupling caps, etc., for my \$5. There were also RF transistors, all kinds of caps, various connectors, some switches, etc., all in new condition.

The moral of the story is to dig around in those boxes under the tables at the hamfests. And be patient. I can advise against bringing your five-year-old, which mitigates against patience. :-)

72,  
David, AD2A  
Glen Rock, NJ

-----  
Date: Mon, 28 Jan 2002 08:30:38 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Pete Burbank <plburbank@kih.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118496] Re: NLS Mini-scope info needed.  
Message-ID: <Pine.SUN.4.10.10201280824120.19224-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Jan 2002, Pete Burbank wrote:

> Dear gang,  
> My MS-215 has decided that it wants to shut down on internal battery mode.  
> I have tested and replaced the Cyclon pack but the problem persists.

I have a couple of these neat little scopes. Most were sold because they simply quit working, even from an external power supply/wall wart. This is because the internal rechargeable batteries reach a point where they simply short out the DC power supply. To correct, simply remove the two wires from the batteries (quick-disconnect connectors) and tape, as with an external power supply, these wires will be "hot." By removing these failed batteries from the circuit, the scope should now "come up" with an external power supply. I forget the current drain, but I run mine from a fairly hefty (500-600mA I think) wall wart.

> anyone had a schematic or other info to speed up troubleshooting.

I do have a photocopy of a photocopy of a schematic somewhere at home. I can try to find it if you get desperate :-)

GL,  
Paul NA5N

-----  
Date: Mon, 28 Jan 2002 10:52:42 EST  
From: IamSF5@aol.com

To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [118497] QRP and stuff for sale  
Message-ID: <106.c3b2831.2986cdca@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi Guys/Gals,

Now that I'm an extra I want to do more serious operating.

I'm no longer building kits and my only project is to get a good antenna going.

The following items are up for sale.

1 SST for 40 Meters.....\$75.00

2.SST for 20 Meters.....\$75.00

3. A S&S 20 meter QRP rig.(This is not your typical small back pack rig)

This is a beautiful rig and has a very hot RX in it.

CW filter,Built in keyer,RF gain and front speaker

Many CW OP's do not like the push button tuning but if your a regular CW rag chewer and a good CW op the others come looking for you.

It's been aligned by S&S and has had the more rugged final installed by S&S

I can open it up and send PIC's of it to you if needed.

The Price is \$200.00 + shipping "FIRM"

=====

NON QRP

1. Matching tuner for the FT 901 DM.....\$100.00 SHIPPED

Will cconsider some sort of trade on the tuner.

NON HAM ITEM.

FIVE WATT FM Transmitter.

All solid state and tunes the whole FM band.

Comes with mixer board and sound effects.

\$500.00 or trade.

Thank You

Bob

WA2HOQrp <tm>

-----

Date: Mon, 28 Jan 2002 11:24:12 -0500

From: "Jim Stamper" <jstamper@shentel.net>

To: <radioham@gmx.co.uk>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [118498] Re: Learning CW and More on the Koch Method

Message-ID: <000a01c1a818\$398a9730\$2d616fcc@jim>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Just downloaded Ray's program and it is excellent. Wish I had it when I started.

jim-  
KG4LDY

----- Original Message -----

From: "Ray Goff" <radioham@gmx.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Monday, January 28, 2002 5:37 AM  
Subject: RE: Learning CW and More on the Koch Method

> Hi,  
>  
>  
> I have a Windows based Koch Method CW Trainer on my website  
www.g4fon.co.uk  
> for anybody interested in trying it out.  
>  
> 72's de Ray g4fon  
>  
> RSGB, BATC, GQRP-10698 QRP-L 2378  
> ray@g4fon.co.uk  
> www.g4fon.co.uk  
>  
>

-----  
Date: Mon, 28 Jan 2002 08:37:48 -0800 (PST)  
From: Jim Durkin <jimdurkin@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [118499] sold DSW-20 and DK9SQ  
Message-ID: <20020128163748.4701.qmail@web13004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Both of these have been sold.  
OHR 400 remains  
73  
Jim kt4a

-----  
Do You Yahoo!?  
Great stuff seeking new owners in Yahoo! Auctions!  
<http://auctions.yahoo.com>

-----  
Date: Mon, 28 Jan 2002 10:03:27 -0700  
From: "Rod N0RC" <rod@n0rc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
"Elecraft-list" <elecraft@mailman.qth.net>,  
Subject: [118500] QRP in the [ARRL] news...  
Message-ID: <001701c1a81d\$b59f2bb0\$6401a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Nice article at:  
<http://www.remote.arrl.org/news/features/2002/01/28/1/?nc=1>

Enjoy.

73, Rod N0RC  
Ft Collins, CO

-----  
Date: Mon, 28 Jan 2002 10:09:09 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Subject: [118501] Ready for FYBO :-)  
Message-ID: <Pine.SUN.4.10.10201280938030.19658-1000000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
I tossed out a 7-man camel tent a year ago, but saved the neat aluminum support tubes, with the hopes of making a portable vertical antenna with them someday. Well, that's what I did this weekend, taking advantage of our 60's temps. Each pole is 33 inches long, with one end slightly smaller to "swage" into the next pole. Ended up making a full-sized vertical for 20M, and a top loaded extension for 40M. Turns out, loads up 1.2:1 on 20M, 1.3:1 on 15M and 1.7:1 on 40M, meaning using an antenna tuner will only be needed to touch up 40M, short of piddling around with the top loader.

The "feed point" is made of 1" PVC, that slips over two of the poles to the ground, so the feed point is about 5-ft. above ground. The poles consisting of the vertical radiating element slip into this feed PVC piece, where the coax is terminated to the ground and radiating



element. I made a 20M trap with another piece of this 1" PVC with 10T and resonating it with around 200pF (using combinations of series and parallel caps to get the right capacitance AND elevate the effective working voltage to 200V). Another PVC is used at the very top with a coil wound around it as a loading coil to make up for the physically short height for 40M. Didn't quite have enough pieces to make this thing 32-33 feet high. At the very top, is a small capacitance hat simply made of some bailing wire, sticking out about 2 feet in 4 directions.

For ground radials, I literally stole, with no pride, the ribbon cable technique from Dave Gauding, NF0R, and his host of St. Louis verticals. Two pieces of 10-conductor ribbon cable, then split in two (5-conductors each) to make 4-radials. When done, it all rolls up and can safely be stored in a small plastic sandwich bag. The antenna itself breaks down into 7 of these aluminum poles, making a bundle 33 inches long and about 6 inches in diameter. I'm using a Radio Shack roof-mount antenna mast tripod thing, though it has 4-legs, not 3. It also folds up to about 2.5 feet long and less than a foot in diameter.

So basically two bundles of aluminum will get tossed into the car Saturday morning, with erection time less than 5 minutes, for my brand new FYBO portable field vertical (FYBO/PFV). Can hardly wait for FYBO now. Had a few QSO's with it Sunday on 20 and 15 with good A-B test results between the FYBO/PFV and the G5RV. The wind came up, so brought it down (too lazy to add 3-4 temporary guys until FYBO), so didn't get a chance to try it out on 40M after it got dark.

Not sure where I'll be setting up for FYBO, but probably atop one of the mesa's on the east side of the Rio Grande near Socorro, NM. About 6000 feet up there, nice and high, so hopefully will let that low radiation angle squirt right out without slamming into a mountain or something. And hopefully the higher elevation will bring a few degrees of cooler temps than down in the Rio Grande Valley.

The Moral-of-the-story: with a little effort, you can make an antenna from about anything. Always best to strive for a tuned antenna for best efficiency, but for field operation antennas, reasonably close with an antenna tuner will still work great. Playing with antennas is fun, from wire dipoles, random length long wires, etc. Always make sure you test the thing out on the air though before you erect it in the field and find out the thing don't work.

I know the usual gang of NM QRPers are all planning to participate in FYBO from various parts of the state, so you shouldn't have any trouble getting that NM SPC in the log. As for myself, will be using the above described antenna with the FT-817, Z-11 auto-tuner, a small lead-acid battery intended for lawn-mowers (about 30AH) and an old, classic

Ham Key (made in St. Louis!) with nice big paddles in case I have to don those mittens!

So whether you decide to brave the elements, or work in the privacy and comfort of your own home, get on the air for FYBO and have some fun. It's one of the really fun QRP events, IMHO.

Info at: [www.extremezone.com/~nk7m](http://www.extremezone.com/~nk7m), the last QST, and the rules will no doubt be posted again on QRP-L before this weekend.

72, Paul NA5N

-----  
Date: Mon, 28 Jan 2002 10:20:07 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Jim Stamper <jstamper@shentel.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [118502] Re: Learning CW and More on the Koch Method  
Message-ID: <Pine.LNX.4.33.0201281015390.2620-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Jim, I just got the software as well. Please keep using it and tell me and the list how good it is. I as you might know, are getting software and writting together to keep as a resource for anyone wanting to lear morse code.

It will begin to appear at the web page:

<http://www.zianet.com/k5di/cw/>

but it's not there yet. I thought retirement would be boring.

On Mon, 28 Jan 2002, Jim Stamper wrote:

> Just downloaded Ray's program and it is excellent. Wish I had it when I  
> started.  
>  
> jim-  
> KG4LDY  
>  
> ----- Original Message -----  
> From: "Ray Goff" <radioham@gmx.co.uk>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Monday, January 28, 2002 5:37 AM  
> Subject: RE: Learning CW and More on the Koch Method  
>  
>  
> > Hi,  
> >  
> >  
> > I have a Windows based Koch Method CW Trainer on my website  
> www.g4fon.co.uk  
> > for anybody interested in trying it out.  
> >  
> > 72's de Ray g4fon  
> >  
> > RSGB, BATC, GQRP-10698 QRP-L 2378  
> > ray@g4fon.co.uk  
> > www.g4fon.co.uk  
> >  
> >  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
http://www.zianet.com/k5di/

-----  
Date: Mon, 28 Jan 2002 08:44:52 -0800  
From: "Bill Jones" <kd7s@psnw.com>  
To: <dk3red@t-online.de>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118503] Re: VX0 design : Peter DL2FI explain pse!  
Message-ID: <000201c1a820\$13b16fe0\$088d6bd1@j3s0p2>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I downloaded the Hegau SMD manual. Very interesting design. I must say that I was a little surprised to see a quad, 2-input NAND gate (wired as an inverter) used as an oscillator. I assume that L2 and the low pass filter clean up the output sufficiently. I'd love to hear from anyone who has built one of these clever little rigs.

=====  
Bill Jones -- KD7S -- <><

Our job is to love others  
without stopping to inquire  
whether or not they are worthy  
=====

-----  
Date: Mon, 28 Jan 2002 12:19:26 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: "James R. Duffey" <jamesd1@flash.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118504] Re: Learning CW and More on the Koch Method  
Message-ID: <3C55881E.6CB8411C@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

James,

I agree with all that! But, 50 years ago, when the method was used, the idea of teaching at a faster speed did not exist, at least in the popular amateur literature. This fact alone did not stop the method from working. It just meant that as a learner you went through well described plateaus. For one, I can attest to the method's effectively. As I said beefier, I didn't know the name, perhaps the name had not become popular back then. But I learned CW by learning the sounds of a few characters and picking them out from CW I copied at relatively slow speeds on the air. This is also why I say you should not tailor your teaching program to send only the characters you know, it will help for about a day or two and then hinder you in learning more!

73

-----  
Date: Mon, 28 Jan 2002 12:23:26 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: plburbank@kih.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [118505] Re: NLS Mini-scope info needed.  
Message-ID: <3C55890E.E4561710@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Watch it up there, you may get snowed on! I have the same scope. I

bought it in 1978. It was my first real instrument to look at the  
internals of a circuit! I love it though I now have a Tektronix 465.

Miniscope still offers repair service. I replaced the battery pack on  
my own back about 1994, but the new batteries passed away in about 5  
years. I sent the scope off to Minicircuits and they repaired it. You  
can find them on the web.

73

-----  
Date: Mon, 28 Jan 2002 12:36:24 -0500  
From: "Brian" <brian@iquest.net>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [118506] haven't seen it here yet  
Message-ID: <002901c1a822\$4e73f060\$3d05080a@cincom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Mac, AF4PS, got his 100th DXCC country early this morning...his 100th since  
January 1st, all QRP on a G5RV jr....barely 15 foot off the ground.

You RULE Mac!! Excellent work. You are king of the Flying Swine!

73 de KB9BVN

=====  
KB9BVN/QRP - New Whiteland IN - EM69WN  
QRP-ARCI #10223 QRP-L #1540 FIST #5695  
FISTS CC #764 - Proud Member ARRL  
TEN TEC SCOUT @ 5W or NORCAL 40A @ 1.3W  
INTO INFAMOUS AF4PS ATTIC DIPOLE  
SOC #400 AND FLYING PIGS QRP #-57  
=====

-----  
Date: Mon, 28 Jan 2002 12:43:27 -0500  
From: "Doyle, Ronald D" <RD130947@exchange.DAYTONOH.NCR.com>  
To: qrp-l@Lehigh.EDU  
Cc: "Doyle, Ron (Home)" <n8var@arrl.net>  
Subject: [118507] Looking Information on Using the Internet with Ham Radio

question

s - IRQL?

Message-ID: <0D6CE218BF54D211B37F00E0292657F40B5CDD50@susdayte03.daytonoh.ncr.com>

MIME-Version: 1.0

Content-Type: text/plain

I think this question really covers a lot of territory which makes it even more interesting to me.

I'm looking for information on repeaters that are linked to or thru the internet.

I was in Ontario Canada this weekend with my Boy Scout troop. Several Boy Scout troops from the Dayton OH area were participating in a winter camp/competition with the Canadian Scouts.

It was Saturday afternoon and I was relaxing for a few minutes while waiting on supper to simmer. I picked up my HT which was set to 146.730. I had earlier found that I could hit a repeater on that frequency and it was very strong. My HT puts out a blazing 300mw so I like to stay around good strong repeaters. I thought I had heard some VE calls the night before and thought I would try to chat with some of the locals. What I heard really shocked me. Two guys from Los Vegas where chatting. Truly, I didn't understand so when the conversation was over I gave one a holler. There was a small lag maybe 2 or 3 seconds and he came back and we chanted for a bit and he told me about the system.

It turns out that it was a linked repeater to the internet. He called it IRQL. When we were done a ham from Anchorage Alaska gave me a call. Now I'm getting really pumped. I've been trying to get Alaska for quite a while and here I was on an HT having a chat like the guy was next door. It was great!. Later I made contact with a mobile station East of Columbus OH and then Los Angles.

There were several Scouts and Scouters with me at the time and it made a big hit.

72 de Ron, N8VAR

-----

Date: Mon, 28 Jan 2002 18:49:45 +0100

From: "Ingo, DK3RED" <dk3red@t-online.de>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [118508] Re: VX0 design : Peter DL2FI explain pse!

Message-ID: <3C558F39.11609978@t-online.de>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello Brian and all,

The Manual is ALSO available in English at

[http://www.dl-qrp-ag.de/manuals/SMD-Hegau\\_Engl.pdf](http://www.dl-qrp-ag.de/manuals/SMD-Hegau_Engl.pdf)

--

72/73 de Ingo, DK3RED    Don't forget: the fun is the power!  
dk3red@t-online.de    <http://www.qsl.net/dk3red>  
DL-QRP-AG #824    <http://www.dl-qrp-ag.de>

-----  
Date: Mon, 28 Jan 2002 12:58:24 -0500  
From: Sam Smith <sam.smith@ece.gatech.edu>  
To: RD130947@exchange.DAYTONOH.NCR.com,  
      Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118509] Re: Looking Information on Using the Internet with Ham Radio  
questions -  
      IRQL?  
Message-ID: <3C559140.7E5B6BAB@ece.gatech.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ron, I think it's called IRLP - Internet Radio Linking Project.

<http://www.irlp.net>

Sam N4MAP

-----  
Date: Mon, 28 Jan 2002 10:05:28 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Rod N0RC <rod@n0rc.com>  
Cc: Elecraft-list <elecraft@mailman.qth.net>,  
      Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118510] Re: [Elecraft] K1 knob mfg?  
Message-ID: <3C5592E8.32377F19@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The knobs are custom made for us by Rogan, (800)584-5662. I don't believe they  
sell in small quantities.

You are welcome to buy additional K2 and K1 knobs from us. Just contact Scott (scott@elecraft.com ) and he will quote you the prices for each.

73, Eric WA6HHQ

=====

Rod N0RC wrote:

> Might anyone know who produces the K1 knobs? (both the large and  
> small)  
>  
> I'm getting ready to build another NorCal 20 and thought the K1 knob  
> set would look good on the NC20. Or, perhaps the "mystery supplier"  
> has other offerings that would look cool.  
>

-----

Date: Mon, 28 Jan 2002 10:13:34 -0800  
From: Jerry Parker <jparker@fix.net>  
To: qrp-l@LeHigh.edu  
Subject: [118511] NorCal's February Meeting Announcement  
Message-ID: <2.2.32.20020128181334.006bcb3c@fix.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRPers, the February meeting of the NorCal QRP Club will be held as usual Sunday February 3rd at the California Burger Restaurant, located off the Santa Rita Exit of I580 West of Livermore and East of Pleasanton. The California Burger is located in the small shopping center behind the Shell Station across the street from McDonald's Restaurant. If you are coming from Livermore, take the Santa Rita exit, and you will come to a stop light. Turn left and go over the freeway. You will come to a traffic signal. Turn left, and you will notice a McDonald's on your left, and a Shell station on your right. Take the first right turn, (about 107 yards, 2 feet and 7 1/4 inches from the intersection) and you will be in a small shopping center. The California Burger is in the SouthWest corner of the shopping center. Look for all of the cars, you can't miss it.

If you are coming from Pleasanton, take the Santa Rita exit to your right. You will come to a traffic light. Go straight across the street, and you will see the McDonald's and Shell Station. Same directions as above.

Remember, if you have never been to a QRP meeting, this is not like all of the other meetings you go to. It starts about 10:30 and ends about 1:30 or so. No rules, no minutes, no new business, no old business, just a get together of QRPers who want to meet and share QRP information with others of like interests. Our meeting is entirely social, and those who attend always



seem to enjoy themselves. If you come, bring along your latest project to share with the rest of us, we want to see and admire it, probably steal a couple of your ideas in our next project, but we will have fun!

72,  
Doug, KI6DS

-----  
  
-----  
  
Date: Mon, 28 Jan 2002 11:47:14 -0700  
From: "John\_Evans" <jaevans@codenet.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118512] Re: VX0 design : Peter DL2FI explain pse!  
Message-ID: <200201281147.AA16646434@mail.codenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Greetings,

Did anyone get the English manual URL? I am having difficulty finding it.

tnx es 72 - john - n0hj

-----  
  
Date: Mon, 28 Jan 2002 13:43:52 -0800  
From: "W2WU" <w2wurjj@verizon.net>  
To: <sam.smith@ece.gatech.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118513] Re: Looking Information on Using the Internet with Ham Radio questions - IRQL?  
Message-ID: <000801c1a844\$fbd27200\$71c2fea9@w2wurjj>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Check out Courage Center / HandiHams hamradio@courage.org  
handiham@courage.org www.mnt.org/handiham  
They covered this subject in a recent newsletter. Ron, W2WU  
----- Original Message -----

From: Sam Smith <sam.smith@ece.gatech.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: 28 January, 2002 09:58  
Subject: Re: Looking Information on Using the Internet with Ham Radio questions - IRQL?

> Ron, I think it's called IRLP - Internet Radio Linking Project.  
>  
> <http://www.irlp.net>  
>  
> Sam N4MAP

-----  
Date: Mon, 28 Jan 2002 11:50:42 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [118514] Koch Morse Software flawed  
Message-ID: <Pine.LNX.4.33.0201281148130.3299-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I went to Ray's web page and d/l the software but it's missing some file so it will not load. I am hoping we can get the missing file soon. So don't get it from:

[www.g4fon.co.uk](http://www.g4fon.co.uk)

until Ray has a chance to fix it.

--  
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Mon, 28 Jan 2002 19:14:33 -0000  
From: "Ray Goff" <radioham@gmx.co.uk>  
To: "QRL-L List" <qrp-1@Lehigh.EDU>  
Subject: [118515] RE: Koch Morse Software flawed  
Message-ID: <FDE0KGEJJFNPABJIJGDDMEKMDIAA.radioham@gmx.co.uk>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Gang,

Another day, another fight with Microsoft.

The missing part of the install is in Windows and adds about another 1.5 MegaBytes to the download...

I updated the install this afternoon to use this new installer, but it was obviously a mistake. I have now gone back to my previous strategy of a self extracting ZIP file which contains all of the install programmes.

By the time you read this email, it should all be back in action, but you might have to flush your Browser cache to make sure it brings up the new page...

Sorry for the trouble...

72's de Ray g4fon

RSGB, BATC, GQRP-10698 QRP-L 2378  
ray@g4fon.co.uk  
www.g4fon.co.uk

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Karl F. Larsen  
Sent: 28 January 2002 18:51  
To: Low Power Amateur Radio Discussion  
Subject: Koch Morse Software flawed

I went to Ray's web page and d/l the software but it's missing some file so it will not load. I am hoping we can get the missing file soon. So don't get it from:

www.g4fon.co.uk

until Ray has a chance to fix it.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Sun, 27 Jan 2002 19:24:32 -0700  
From: Monte Stark <ku7y@qsl.net>  
To: Schunn99@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118516] Re: Morse code and cheap screwdriver antenna  
Message-ID: <3C54B660.59DEC76A@qsl.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi Scott,

Don't worry about the antenna for listening. Just throw out some wire. Get it up in the air as high as you can..... in a tree, on a fence, on top of the sage brush or whatever. You will even be able to hear the loud stations with the wire laying right on the ground.

When you are ready to transmit you will need to get a LITTLE bit fancier but not much.

Lots of good advice has been given about learning CW. Learn it fast. It's just as easy to learn it at 15 or even 20 wpm as it is to learn it at 5 wpm.

If you have already memorized the code from a chart with dot and dashes written down, don't worry about it. That's how I learned when I was your age and it didn't cause me any harm. But I don't advise learning it visually. Just work on listening to the sounds. Like others have said, DO NOT count the dits/dahs.

It's a lot like music. It has it's own rhythm and sounds. Before long you will be buzzing along at 20+ wpm.

Welcome to the wonderful (and FUN) world of CW.

OK, back in my hole....

--

73,

Ron, KU7Y  
ku7y@qsl.net  
Full Time RVing somewhere in the West  
Currently in Brenda, AZ  
QRP-L #17

-----  
Date: 28 Jan 2002 14:03:19 CST  
From: Richard Clem <clem.law@usa.net>  
To: <qrp-l@lehigh.edu>  
Cc: clem.law@usa.net  
Subject: [118517] Tuesday Cub Fox Announcement  
Message-ID: <20020128200319.12340.qmail@cpdvg202.cms.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

W0IS will be your QRP-L Cub Fox on Tuesday, January 29 (Wednesday, UTC).

The fun will begin at 0200 UTC or the following local times in North America:

9:00 - 11:00 Eastern  
8:00 - 10:00 Central =

7:00 - 9:00 Mountain  
6:00 - 8:00 Pacific

I will look for a clear frequency above 7.050. My exchange will be something like: 599 MN RICK 5W TU

When you hear "TU", "QRZ FOX?" or something similar, that is your cue to call!

I will be tuning both up and down from my frequency. My rig is an MFJ-9040, and the RIT is \*not\* very wide. Therefore, the ideal calling frequency would be up or down about 1 kHz from my transmitting frequency. I might indicate UP or DOWN, but if I don't, call either side of my frequency.

I'll try to keep it at 12 WPM, but if I get carried away, just remind me =

by  
sending slowly and I will QRS.

The MFJ tends to drift a bit, so don't be surprised if I QSY a bit from early spotting reports. I will warm up the rig to keep drift to a minimum, though. =

I will probably start out by tuning up about 10 minutes before the official start time to help ensure a clear frequency. If you hear me during this time, feel free to give me a call (keeping your transmissions short so we don't miss the start time) to give my fist a break while keeping the frequency clear. =2E =

(Of course, pelts will not be awarded until the official start time!)

Things seem to slow down quite a bit in about the last half hour of the hunt, and I will probably take calls on my frequency at this time. However, do not call me on my frequency until after the pileup subsides. If you don't have an RIT, don't worry, because I will probably be putting out many lonely CQ F=OX's during the last half hour, wondering if something happened to my rig.

To clear the pileups early on, I might work short lists, which will go something like this:

W1ABC ES W2DEF ES W3GHI ALL 5NN MN RICK 5W--W1ABC QSL?

Then, W2DEF and W3GHI would standby while W1ABC sends his exchange. Then I would send W2DEF QSL? and so forth. If you miss part of my exchange, keep in mind that my name, QTH, and power won't be changing, and most of you will miraculously be putting in 599 signals.

Sometimes you might miss my exchange and keep calling. So if I tell you =QS0 B4, rest assured that you are in my log. (Although QRPP'ers are welcome =to try again near the end of the hunt when I'm begging for calls.)

I probably won't QSL 100% this time around, unless I happen to need your =  
state  
for WAS or something. If you would like a QSL, just let me know by e-mai=  
l or,  
better yet, send me your own card. (Don't bother with an SASE--I prefer  
receiving them postcard style.)

A couple of foxes now have surpassed my total from my first appearance, s=  
o I  
do expect all lurkers to drop whatever they are doing Tuesday and give me=  
a  
call!

This hunt will keep me up past my bedtime, so I will probably be posting =  
the  
preliminary log sometime Wednesday.

TNX & CU Tuesday!

73,  
Rick W0IS

-----  
Date: Mon, 28 Jan 2002 21:07:29 +0100  
From: DL2FI@t-online.de (Peter Zenker)  
To: <qrp-l@lehigh.edu>  
Subject: [118518] Pictures of DL-QRP-AG new 8 Band CW transceiver  
Message-ID: <001b01c1a837\$6a9c4b60\$a800a8c0@qrpprojectlapt>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

For those who are interested some additional information about our  
recent club project:

I added pictures of our new Tramp 8 Band CW Transceiver to our homepage.  
You will also find the schematics and an English short description. Our  
plan is to present the Tramp-8 incl. English manual in Dayton at FDIM=20

All SMD Fans will love it :-)) (actually it=92s a hybrid, using Standard  
parts plus SMD (SMT)

100 dB dynamic double superhet RX.  
European Frontend  
Small band PLL  
Simple and cheap (no digital stuff in the base model)

Clean push Pull PA (2 x 2SC1969)  
Very small

Have a look and enjoy it at  
[www.qrpproject.de/tramp\\_8.htm](http://www.qrpproject.de/tramp_8.htm)

73 de Peter,=A0 DL2FI

\*\*\*\*\*

DV Berlin DARC e.V.

German QRP Group DL-QRP-AG <http://www.dl-qrp-ag.de>

QRPproject QRP and homebrew international <http://www.qrpproject.de>

-----  
Date: Mon, 28 Jan 2002 15:13:45 -0500  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [118519] Re: Ready for FYBO :-)  
Message-ID: <3.0.6.32.20020128151345.007ad6e0@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, I hope it cools off and snows some more before the weekend here too.  
We've had one heck of a January thaw and if this keeps up any longer, will  
be doing FYBO in T shirt and shorts! Far cry from last year when it was 10  
degrees out and was sitting in a four foot deep snow bank!

I plan on trying out the new dual band DDS rig and the little tent pole  
vertical for 20M. Think I'll bring the "Gusher" along as a back up though..

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountians of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Mon, 28 Jan 2002 15:19:10 EST  
From: JFRAKE73@aol.com  
To: qrp-l@lehigh.edu  
Subject: [118520] Re: IRQL



Message-ID: <6.230fd427.29870c3e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Ron,

Go to: <<http://www.irlp.net/>>

You'll find their web site. Real exciting stuff  
and gearing up for it myself.

72, Jack W1IU

-----  
Date: Mon, 28 Jan 2002 20:25:52 +0000 (UTC)  
From: "Robert M. Kimbrell" <[kimbrell@sdf.lonestar.org](mailto:kimbrell@sdf.lonestar.org)>  
To: "Doyle, Ronald D" <[RD130947@exchange.DAYTONOH.NCR.com](mailto:RD130947@exchange.DAYTONOH.NCR.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [118521] Re: Looking Information on Using the Internet with Ham Radio  
question

s - IRQL?

Message-ID: <[Pine.NEB.4.33.0201282020250.788-100000@otaku.freeshell.org](mailto:Pine.NEB.4.33.0201282020250.788-100000@otaku.freeshell.org)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Jan 2002, Doyle, Ronald D wrote:

> I'm looking for information on repeaters that are linked to or thru the  
> internet.

There is also Ilink: <http://www.aacnet.net/> which you can do from your  
own computer. There are also now about 80 repeaters or simplex links  
around the world connected by Ilink including AC7BN-L in Kingman, AZ

73,

Bob Kimbrell AC7BN Kingman, Arizona  
[kimbrell@freeshell.org](mailto:kimbrell@freeshell.org)  
<http://kimbrell.freeshell.org/>  
SDF Public Access UNIX System - <http://sdf.lonestar.org>

-----  
Date: Mon, 28 Jan 2002 15:59:26 -0500  
From: Dave Gingrich K9DC <[gingrich2@dcg.org](mailto:gingrich2@dcg.org)>

To: RD130947@exchange.DAYTONOH.NCR.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [118522] Re: Looking Information on Using the Internet with Ham Radio  
question s - IRQL?  
Message-ID: <5.1.0.14.2.20020128154057.024f8770@127.0.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 12:43 1/28/2002 -0500, Doyle, Ronald D wrote:  
>It turns out that it was a linked repeater to the internet. He called it  
>IRQL. When we were done a ham from Anchorage Alaska gave me a call. Now  
>I'm getting really pumped. I've been trying to get Alaska for quite a while  
>and here I was on an HT having a chat like the guy was next door. It was  
>great!. Later I made contact with a mobile station East of Columbus OH and  
>then Los Angeles.

Actually what you heard was probably IRLP - Internet Radio Linking Project.  
Currently (as of today) there are 324 systems connected worldwide. Mostly  
repeaters, but there are also simplex nodes (like mine, K9IP), but will  
likely turned into repeater service one of these days.

The project supports node to node direct connections, or node to  
"reflector" connections where everyone connected to a reflector talks to  
each other.

Information is available at <http://www.irlp.net/>. You can also see a list  
of all the nodes at <http://status.irlp.net/>. The status page also has a  
link to more detailed info on any node. Click on the node callsign.

IRLP specifically does not allow access into the network from a computer,  
there must be a radio on the ends, as it used to link repeaters together.

There is an Audio stream of Reflector 2, Denver available for listen only  
if you are interested. To hear it, into RealAudio, Winamp or Quicktime  
enter <http://66.28.48.72:12520>, Or install the app from the IRLP page.

If you find you are in range of an IRLP node, ask a control operator to  
connect you to node 473, and give me a call. If I'm around, I'll answer.

-Dave

=====  
Dave Gingrich, K9DC - Indianapolis, Indiana USA  
K2 #2211, K1 #931, QRP-L #2376, ARS #1109,  
FPQRP #389, IRLP #473, k9dc.ampr.org, CCIE #6748  
=====



> > =

> > I'm getting ready to build another NorCal 20 and thought the K1 knob  
> > set would look good on the NC20. Or, perhaps the "mystery supplier"  
> > has other offerings that would look cool.  
> >

-----  
Date: Mon, 28 Jan 2002 13:04:34 -0800  
From: "blinn" <blinn@smgazette.com>  
To: <k5di@zianet.com>,  
    "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118524] Re: Koch Morse Software flawed  
Message-ID: <008401c1a83f\$64c62dc0\$a069f040@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Worked for me.    Fine, simple program.

Regards Bill - WA7TQK  
-----Original Message-----  
From: Karl F. Larsen <k5di@zianet.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Monday, January 28, 2002 9:45 AM  
Subject: Koch Morse Software flawed

>  
> I went to Ray's web page and d/l the software but it's missing  
> some file so it will not load. I am hoping we can get the missing file  
> soon. So don't get it from:  
>  
> www.g4fon.co.uk  
>  
> until Ray has a chance to fix it.  
>  
> --  
> Yours Truly,  
>  
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
>                   <http://www.zianet.com/k5di/>  
>  
>

--

-----  
Date: Mon, 28 Jan 2002 14:46:30 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-1@lehigh.edu>  
Subject: [118525] Future CW Learning  
Message-ID: <Pine.LNX.4.33.0201281428050.3708-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have the code practise software of Ray, G4FON which is based on the teaching principle of a german named Koch in 1935. The Koch method is discussed on the web page of Dave Finley, N1TRZ. Dave has a book he wrote on sale at MFJ.

My web page will include a method to d/l both the software and the paper on the Koch method. I will write a paper on the best way to use the software to achieve code speeds of 20 wpm from the start of study.

I'm sold on the idea that to learn 5 wpm code is a danger to an individual. You should start at nothing slower than 15 wpm. Some people will have trouble writing at 20 words per minute. They might do better at 15 wpm learning.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Mon, 28 Jan 2002 16:55:48 -5  
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>  
To: qrp-1@Lehigh.EDU  
Subject: [118526] GQRP Club renewal time  
Message-ID: <200201282155.g0SLtXYw023954@hagus.bright.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

It is the time of year to renew your membership to the G-QRP Club, or join if you are not a member!

I handle the memberships for this side of the Atlantic. If you need to renew all I need is a check for \$14 (or \$28 for 2 years) with your callsign and GQRP Club membership number made out to GQRP Club sent to me at:

Bill Kelsey  
3521 Spring Lake Dr.  
Findlay, OH 45840

You can find more info about the GQRP Club at [www.gqrp.com](http://www.gqrp.com)

If you are joining I need a check with your callsign and mailing address.

73 - Bill - N8ET  
Kanga US  
kanga@bright.net  
<http://www.bright.net/~kanga/>  
419-423-4604

-----  
Date: Mon, 28 Jan 2002 16:09:14 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Steven Weber <kd1jv@moose.ncia.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118527] Re: Ready for FYBO :-)  
Message-ID: <Pine.LNX.4.33.0201281606270.26076-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Jan 2002, Steven Weber wrote:

> Well, I hope it cools off and snows some more before the weekend here too.

...New Hampshire eh!?...needs coolin' off eh!?...well I can help you  
Steve...how about I send you some of our -34 dC weather that we're having  
today?...as you'll recall, generally speaking, -40 dC & -40 dF are the  
same....should I add some windchill as well?...hihihi....  
...72 - Bruce (VE5RC+VE5QRP)

-----  
Date: Mon, 28 Jan 2002 16:12:45 -0600 (CST)

From: Bruce Rattray <ratttray@gpfn.sk.ca>  
To: <JFRAKE73@aol.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118528] Re: IRQL  
Message-ID: <Pine.LNX.4.33.0201281609330.26076-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

...be careful guys, this Canadian creation can be additive eh!...when I first got on IRLP I didn't want to get off...hihi....just remember when you get the urge to give say Hawaii a call and have a chat just check the time zones and make sure it's not sleepy time... ;-) ...I know you'll have fun!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Mon, 28 Jan 2002 17:18:37 EST  
From: Schunn99@aol.com  
To: qrp-l@lehigh.edu  
Subject: [118529] problem: I have a friend..  
Message-ID: <a9.220200a1.2987283d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi,  
I have a friend who has the problem that you guys were talking about couple days ago, it starts with dysle...well he wants to become a ham the only problem is he has the version of the disease where he cannot read very well. Are there audio tapes of the Now Your Talking book?  
Scott Hunnicutt  
kg4oqu

-----  
Date: Mon, 28 Jan 2002 17:27:07 -0500  
From: aluscre <aluscre@neo.rr.com>  
To: RD130947@exchange.DAYTONOH.NCR.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [118530] Re: Looking Information on Using the Internet with Ham Radio

questions -

IRQL?

Message-ID: <200201282223.g0SMNFg11122@c1mboh1-smtp3.columbus.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

<http://www.ve3sy.com/irlp/index.htm>

"Doyle, Ronald D" wrote:

> I think this question really covers a lot of territory which makes it even  
> more interesting to me.  
>  
> I'm looking for information on repeaters that are linked to or thru the  
> internet.  
>  
> I was in Ontario Canada this weekend with my Boy Scout troop. Several Boy  
> Scout troops from the Dayton OH area were participating in a winter  
> camp/competition with the Canadian Scouts.  
>  
> It was Saturday afternoon and I was relaxing for a few minutes while waiting  
> on supper to simmer. I picked up my HT which was set to 146.730. I had  
> earlier found that I could hit a repeater on that frequency and it was very  
> strong. My HT puts out a blazing 300mw so I like to stay around good strong  
> repeaters. I thought I had heard some VE calls the night before and thought  
> I would try to chat with some of the locals. What I heard really shocked  
> me. Two guys from Los Vegas where chatting. Truly, I didn't understand so  
> when the conversation was over I gave one a holler. There was a small lag  
> maybe 2 or 3 seconds and he came back and we chanted for a bit and he told  
> me about the system.  
>  
> It turns out that it was a linked repeater to the internet. He called it  
> IRQL. When we were done a ham from Anchorage Alaska gave me a call. Now  
> I'm getting really pumped. I've been trying to get Alaska for quite a while  
> and here I was on an HT having a chat like the guy was next door. It was  
> great!. Later I made contact with a mobile station East of Columbus OH and  
> then Los Angles.  
>  
> There were several Scouts and Scouters with me at the time and it made a big  
> hit.  
>  
> 72 de Ron, N8VAR

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|-----|

Anthony A. Luscre

K8ZT



Stow, Ohio

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Date: Mon, 28 Jan 2002 17:31:41 EST  
From: Schunn99@aol.com  
To: qrp-1@lehigh.edu  
Subject: [118531] cw computer programs  
Message-ID: <14b.7f083ec.29872b4d@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

hi,  
are there any good freeware cw computer programs?  
scott hunnicutt  
kg4oqu

-----  
Date: Mon, 28 Jan 2002 17:57:56 -0500  
From: Dave Fouchey <dafouchey@home.com>  
To: rattray@gpfn.sk.ca,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118532] Re: Ready for FYBO :-)  
Message-ID: <4.1.20020128175532.00920900@localhost>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Bruce I'll take it O.M., 60 deg F on Jan 28th is just plain unnatural! Heck I haven't had to fire up the snow blower at all this winter...might even have to break out the GASP Lawn Mower...where's my lake ice? I gotta get my ice fishing fix in...

Dave  
WA4EMR/8  
sterling Heights, MI

At 04:09 PM 1/28/2002 -0600, Bruce Rattray wrote:

>  
>On Mon, 28 Jan 2002, Steven Weber wrote:  
>  
>> Well, I hope it cools off and snows some more before the weekend here too.  
>  
>...New Hampshire eh!?...needs coolin' off eh!?...well I can help you

>Steve...how about I send you some of our -34 dC weather that we're having  
>today?...as you'll recall, generally speaking, -40 dC & -40 dF are the  
>same....should I add some windchill as well?...hihihi....  
>...72 - Bruce (VE5RC+VE5QRP)

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Date: Mon, 28 Jan 2002 16:03:42 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-l@lehigh.edu  
Subject: [118533] Re: NLS Mini-scope info needed.  
Message-ID: <Pine.SUN.4.10.10201281556020.21913-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 28 Jan 2002, Bruce Muscolino wrote:

> Miniscope still offers repair service. I replaced the battery pack on  
> my own back about 1994, but the new batteries passed away in about 5  
> years. I sent the scope off to Minicircuits and they repaired it. You  
> can find them on the web.

Bruce,

If you can find them on the web, could you provide their URL? I think we may be talking apples and oranges here. The scope being discussed is a NLS scope -- for Non-Linear Systems out of San Diego, CA. They have been gone for years.

Minicircuits is a company in Brooklyn, NY and the manufacturer's of the famous SRA, SBL, ADE mixers, ERA, MAR amplifiers, etc. They have nothing to do with manufacturing or repairing oscilloscopes.

If you DO know of a company that still repairs the NLS scopes, then please post the contact information (URL or phone) for those so interested. Last I checked, nobody was repairing the old NLS instruments.

I have two NLS scopes, a single trace and double trace. I will check tonight on the exact part numbers and post tomorrow.

72, Paul NA5N

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Date: Mon, 28 Jan 2002 18:16:09 -0500  
From: Dave Richards <wr3i@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
RD130947@exchange.DAYTONOH.NCR.com  
Subject: [118534] Re: Looking Information on Using the Internet with Ham Radio  
question s - IRQL?  
Message-ID: <CAZY2UQ01UDBMJSD84WJETNQPECSM.3c55dbb9@sony>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="windows-1252"

I am not going to touch this subject ...I have a blood pressure problem  
Dave W1QB

1/28/2002 12:43:27 PM, "Doyle, Ronald D" <RD130947  
@exchange.DAYTONOH.NCR.com> wrote:

>I think this question really covers a lot of territory which makes it even  
>more interesting to me.  
>  
>I'm looking for information on repeaters that are linked to or thru the  
>internet.  
>  
>I was in Ontario Canada this weekend with my Boy Scout troop. Several Boy  
>Scout troops from the Dayton OH area were participating in a winter  
>camp/competition with the Canadian Scouts.  
>  
>It was Saturday afternoon and I was relaxing for a few minutes while waiting  
>on supper to simmer. I picked up my HT which was set to 146.730. I had  
>earlier found that I could hit a repeater on that frequency and it was very  
>strong. My HT puts out a blazing 300mw so I like to stay around good strong  
>repeaters. I thought I had heard some VE calls the night before and thought  
>I would try to chat with some of the locals. What I heard really shocked  
>me. Two guys from Los Vegas where chatting. Truly, I didn't understand so  
>when the conversation was over I gave one a holler. There was a small lag  
>maybe 2 or 3 seconds and he came back and we chanted for a bit and he told  
>me about the system.  
>  
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>IRQL. When we were done a ham from Anchorage Alaska gave me a call. Now  
>I'm getting really pumped. I've been trying to get Alaska for quite a while  
>and here I was on an HT having a chat like the guy was next door. It was  
>great!. Later I made contact with a mobile station East of Columbus OH and  
>then Los Angles.  
>  
>There were several Scouts and Scouters with me at the time and it made a big  
>hit.  
>  
>72 de Ron, N8VAR  
>

-----  
Date: Mon, 28 Jan 2002 18:38:55 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: na5n@rt66.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [118535] Re: NLS Mini-scope info needed.  
Message-ID: <5.0.2.1.0.20020128183629.00ae2590@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:03 PM 1/28/2002 -0700, Paul Harden, NA5N wrote:

>On Mon, 28 Jan 2002, Bruce Muscolino wrote:  
> > Miniscope still offers repair service. I replaced the battery pack on  
> > my own back about 1994, but the new batteries passed away in about 5  
> > years. I sent the scope off to Minicircuits and they repaired it. You  
> > can find them on the web.  
>  
>Bruce,  
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>we may be talking apples and oranges here. The scope being discussed  
>is a NLS scope -- for Non-Linear Systems out of San Diego, CA. They  
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>the famous SRA, SBL, ADE mixers, ERA, MAR amplifiers, etc. They have  
>nothing to do with manufacturing or repairing oscilloscopes.  
>  
>If you DO know of a company that still repairs the NLS scopes, then  
>please post the contact information (URL or phone) for those so  
>interested. Last I checked, nobody was repairing the old NLS instruments.  
>  
>I have two NLS scopes, a single trace and double trace. I will check  
>tonight on the exact part numbers and post tomorrow.  
>  
>72, Paul NA5N

Paul , Bruce and gang  
I think it is <http://www.nonlinearsystems.com>  
Pete NV4V

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End of QRP-L Digest 2449

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